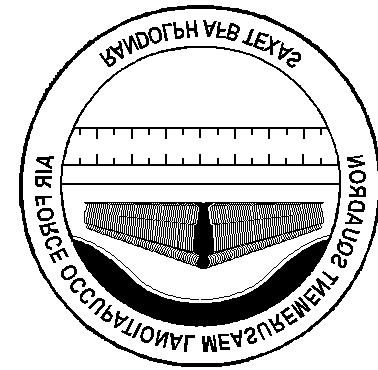




UNITED STATES AIR FORCE



ANALYSIS EXTRACT

**AFSC 1A1X1C
FLIGHT ENGINEER – PERFORMANCE QUALIFIED
(ANG/AFRC)**

OSSN: 2477

JUNE 2002

**OCCUPATIONAL ANALYSIS PROGRAM
AIR FORCE OCCUPATIONAL MEASUREMENT SQUADRON
AIR EDUCATION and TRAINING COMMAND
1550 5th STREET EAST
RANDOLPH AFB, TEXAS 78150-4449**

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CODAP Study Number: 2477

Study Title: Flight Engineer - Performance Qualified
ANG & AFRC

AFSC(s): 1A1X1C

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Job Inventory Date: August 2001

OSR Date: June 2002

Analysis Extract Date: June 2002

THE ANALYSIS EXTRACT

The enclosed Analysis Extract is a compilation of computer printouts which summarize data collected from job incumbents in your Air Force specialty during a recent occupational survey. The data in these printouts are used to identify jobs and tasks performed by personnel within your career ladder, adjust or establish training programs, make classification decisions within or across specialties, and assist managers in making decisions regarding Air Force personnel programs. Other uses for occupational survey data include improving the specialty descriptions in AFMAN 36-2108, determining the content of Specialty Knowledge Tests (SKTs) written under the Weighted Airmen Promotion System (WAPS) program and providing job data for use in personnel research.

READING THE ANALYSIS EXTRACT

The Analysis Extract is generally divided into four major sections: (1) DAFSC/CONUS/Overseas groups; (2) Total Active Federal Service (TAFMS) groups; (3) MAJCOM groups; and (4) Specialty Job Groups. Each section will normally provide three types of printouts: (1) PRTJOB; (2) PRTMOD; and (3) VARSUM.

The PRTJOB printout is simply a job description for a particular group (i.e., 5-skill level personnel, first-enlistment personnel, ACC personnel, etc). It reports the percent members performing each task and is presented in descending order of the relative time spent on each task. Tasks listed at the top of each job description are those tasks on which group members are spending the most time in their jobs and are performed by larger percentages of group members. In order to save paper when producing the Analysis Extract, these printouts are usually shortened to display only those tasks which comprise 80 percent of the total job time. Full job descriptions can be requested from OMSQ if needed.

The PRTMOD printout displays percent members performing data across a series of groups, along with task difficulty and training emphasis data. By displaying data in this manner, you can quickly identify similarities and differences across groups in terms of percent members performing various tasks.

The VARSUM printout provides information concerning the responses of career ladder incumbents to the various background questions in the job inventory. Routine information covered by this printout includes job satisfaction, equipment operated or maintained, job title, job area or function in which most time is spent, as well as paygrade, MAJCOM, DAFSC, and TAFMS information.

This document has been designed and prepared as a final summary document containing data printouts which were used in analyzing the occupational survey data collected on this AFSC. We hope this brief summary assists you in utilizing the data presented in this Analysis Extract. If you need additional information that is not contained in this Extract, please feel free to contact one of our analysts at DSN 487-6811 for assistance.

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6.	RP0042	prtmod	AFSC 1A1X1C ANG/AFRC Data Displayed in Inv Order	PM0001 61
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Number of Members: 147

gp0008

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.57	11.58
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	10.74	22.34
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.24	32.59
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	7.57	40.17
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	7.08	47.25
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	6.60	53.86
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.04	59.90
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	5.23	65.14
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	4.95	70.09
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	4.80	74.90
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.45	79.36
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	4.10	83.46
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	3.96	87.42
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	3.18	90.60
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	2.26	92.86
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.66	94.53
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	1.49	96.03
U	PERFORMING TRAINING ACTIVITIES	24	1.36	97.38
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.35	98.74
R	PERFORMING EVALUATION ACTIVITIES	11	.56	99.30
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.52	99.82
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	.18	100.00

Number of Members: 147

gp0008

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	99.32	.40	.40	.40	
N0453	Operate or monitor bleed-air systems	97.96	.37	.37	.76	
N0456	Operate or monitor engine fuel systems	97.96	.37	.36	1.13	
A0042	Perform preflight inspections of cockpit or cabin compartments	99.32	.37	.36	1.49	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	98.64	.37	.36	1.85	5
N0447	Monitor engine instrument systems operations	97.28	.37	.36	2.21	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	97.96	.37	.36	2.57	
N0448	Monitor engine thrust or torque indicating systems operations	96.60	.37	.35	2.92	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	97.96	.36	.35	3.27	
C0096	Compute climb, cruise, or descent data	98.64	.36	.35	3.62	10
H0266	Operate or monitor pressurization systems	96.60	.36	.35	3.97	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.28	.36	.35	4.32	
N0446	Monitor engine fire or overheat detection systems operations	95.92	.36	.35	4.67	
A0039	Perform preflight inspections of aircraft for fluid leakage	96.60	.36	.35	5.01	
E0149	Operate or monitor APU or GTC electrical systems	97.96	.35	.35	5.36	15
E0148	Operate or monitor APU or GTC bleed-air systems	97.96	.35	.34	5.70	
E0151	Perform operational checks on APU or GTC bleed-air systems	97.28	.35	.34	6.04	
N0460	Perform preflight inspections of bleed-air systems	97.28	.35	.34	6.38	
J0320	Monitor fuel consumption	94.56	.36	.34	6.72	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	92.52	.36	.34	7.06	20

E0152	Perform operational checks on APU or GTC electrical systems	96.60	.35	.34	7.39
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Number of Members: 147

gp0008

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
E0154	Perform preflight inspections of APU or GTC bleed-air systems	96.60	.35	.34	7.73	
H0262	Operate or monitor environmental bleed-air systems	93.88	.36	.34	8.07	
H0258	Operate or monitor air-conditioning systems	95.24	.35	.33	8.40	
H0267	Operate or monitor underfloor heating systems	95.24	.35	.33	8.73	25
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	95.24	.35	.33	9.06	
E0156	Perform preflight inspections of APU or GTC fire detection systems	94.56	.35	.33	9.39	
G0228	Perform preflight inspections of electrical power systems	95.92	.34	.33	9.72	
N0466	Perform preflight inspections of engine fire or overheat detection systems	97.28	.34	.33	10.05	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	97.28	.34	.33	10.38	30
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	94.56	.35	.33	10.71	
G0230	Perform preflight inspections of interior or exterior lighting systems	95.92	.34	.33	11.04	
N0463	Perform preflight inspections of engine cowlings	96.60	.34	.33	11.36	
C0092	Compute aircraft emergency performance data	94.56	.34	.32	11.69	
N0457	Operate or monitor engine ignition systems	93.88	.34	.32	12.01	35
I0303	Perform preflight inspections of primary flight control systems	93.88	.34	.32	12.33	
H0261	Operate or monitor de-ice systems	93.88	.34	.32	12.65	
N0454	Operate or monitor engine fire extinguishing systems	96.60	.33	.32	12.97	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	92.52	.35	.32	13.29	
N0464	Perform preflight inspections of engine exhaust sections	95.92	.33	.32	13.61	40
G0225	Perform preflight inspections of batteries or battery relays	94.56	.34	.32	13.93	
E0155	Perform preflight inspections of APU or GTC electrical systems	93.20	.34	.32	14.25	
H0265	Operate or monitor oxygen systems	93.88	.34	.32	14.57	
E0150	Operate or monitor APU or GTC fire extinguishing systems	97.96	.33	.32	14.89	
K0375	Perform preflight inspections of LDG doors	93.88	.34	.32	15.21	45
H0259	Operate or monitor anti-ice systems	93.88	.34	.32	15.52	
B0060	Coordinate maintenance requirements with crew chiefs	95.24	.33	.32	15.84	
E0144	Monitor APU or GTC fire detection systems operations	97.96	.32	.32	16.16	
A0044	Perform preflight inspections of emergency exit systems	93.20	.34	.32	16.47	
N0452	Operate TD systems	87.07	.36	.31	16.79	50
G0231	Perform preflight inspections of pitot-static systems	93.20	.34	.31	17.10	

G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	94.56	.33	.31	17.41
G0218	Monitor transformer rectifier (TR) systems operations	90.48	.34	.31	17.72

Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
F0184	Operate or monitor interphone systems	87.07	.36	.31	18.03	
N0461	Perform preflight inspections of engine air intakes	93.20	.33	.31	18.34	55
O0480	Operate or monitor propeller anti-ice or de-ice systems	87.76	.35	.31	18.65	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	91.16	.34	.31	18.96	
A0024	Participate in crew operations debriefings	95.24	.32	.31	19.27	
G0223	Perform operational checks on pitot heat systems	92.52	.33	.31	19.58	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	93.20	.33	.31	19.89	60
G0232	Perform preflight inspections of transformer rectifier systems	91.16	.34	.31	20.19	
C0108	Evaluate aircraft performance data	89.12	.34	.31	20.50	
K0363	Monitor LDG system normal extensions or retractions	93.20	.33	.31	20.81	
H0271	Perform preflight inspections of anti-ice systems	91.16	.34	.31	21.11	
K0362	Monitor LDG position indicators	92.52	.33	.31	21.42	65
A0025	Participate in maintenance debriefings	94.56	.32	.30	21.73	
O0481	Perform operational checks on propeller anti-ice or de-ice systems	87.76	.35	.30	22.03	
H0270	Perform preflight inspections of air-conditioning systems	90.48	.34	.30	22.33	
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.84	.33	.30	22.64	
J0325	Operate or monitor fuel flow or transfer systems	90.48	.34	.30	22.94	70
H0280	Perform preflight inspections of oxygen systems	92.52	.33	.30	23.24	
H0269	Operate or monitor windshield heat systems	91.16	.33	.30	23.55	
N0465	Perform preflight inspections of engine fire extinguishing systems	92.52	.33	.30	23.85	
E0157	Perform preflight inspections of APU or GTC fire extinguishing systems	90.48	.33	.30	24.15	
N0467	Perform preflight inspections of engine fire suppression bottles	91.84	.33	.30	24.45	75
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97.28	.31	.30	24.75	
J0326	Operate or monitor fuel indicating systems, to include dip stick	89.12	.34	.30	25.05	
K0358	Monitor brake antiskid systems operations	92.52	.32	.30	25.35	
K0381	Perform preflight inspections of LDG tires	89.12	.33	.30	25.65	
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	91.16	.33	.30	25.94	80
O0477	Monitor propeller governor systems operations	86.39	.34	.30	26.24	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	91.16	.32	.30	26.54	
E0147	Operate or monitor APU starting systems	85.03	.35	.30	26.83	

H0274	Perform preflight inspections of environmental bleed-air systems	88.44	.33	.29	27.12
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Number of Members: 147

gp0008

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0372	Perform preflight inspections of LDG brake or antiskid systems	89.12	.33	.29	27.42	85
J0330	Operate or monitor single-point refueling systems	93.20	.32	.29	27.71	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	93.88	.31	.29	28.01	
K0383	Perform preflight inspections of nosewheel steering systems	89.80	.33	.29	28.30	
O0478	Monitor propeller negative torque systems operations	87.76	.33	.29	28.59	
A0031	Perform aircrew scanning duties	82.99	.35	.29	28.89	90
E0145	Monitor APU or GTC fuel systems operations	94.56	.31	.29	29.18	
H0253	Monitor environmental fire or overheat detection systems operations	88.44	.33	.29	29.47	
E0153	Perform preflight inspections of APU starting systems	86.39	.34	.29	29.76	
E0159	Perform preflight inspections of APU or GTC oil systems	91.16	.32	.29	30.05	
I0299	Monitor secondary flight control systems operations, such as trim systems	86.39	.34	.29	30.34	95
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	88.44	.33	.29	30.63	
I0298	Monitor primary flight control systems operations	86.39	.33	.29	30.92	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	83.67	.34	.29	31.20	
K0382	Perform preflight inspections of LDG wheel assemblies	89.12	.32	.29	31.49	
E0158	Perform preflight inspections of APU or GTC fuel systems	88.44	.32	.28	31.77	100
J0317	Complete fuel logs	90.48	.31	.28	32.06	
G0227	Perform preflight inspections of electrical inverter systems	86.39	.33	.28	32.34	
B0084	Remove or install airframe, engine covers, or pitot covers	94.56	.30	.28	32.62	
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	83.67	.34	.28	32.91	
F0188	Operate or monitor radios	80.95	.35	.28	33.19	105
O0479	Monitor propeller pitchlock systems operations	86.39	.33	.28	33.47	
I0297	Monitor flight control position instrument systems operations	86.39	.33	.28	33.76	
A0045	Perform preflight inspections of liferaft release mechanisms	87.76	.32	.28	34.04	
K0359	Monitor brake pressures	84.35	.33	.28	34.32	
H0273	Perform preflight inspections of de-ice systems	86.39	.32	.28	34.60	110
B0078	Perform inflight inspections of aircraft	88.44	.31	.28	34.87	
K0379	Perform preflight inspections of LDG position indicating systems	85.03	.32	.28	35.15	
C0093	Compute aircraft performance data for nonstandard configurations	91.16	.30	.28	35.43	
E0128	Analyze APU or GTC electrical systems malfunctions	87.86	.28	.27	35.70	

E0146	Monitor APU or GTC oil systems operations	91.84	.30	.27	35.98	115
J0336	Perform preflight inspections of external fuel tanks	84.35	.32	.27	36.25	

Number of Members: 147

gp0008

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	79.59	.34	.27	36.52	
P0501	Perform airdrop checklist procedures, other than for high-altitude low-opening (HALO) paradrops	80.95	.34	.27	36.79	
H0276	Perform preflight inspections of environmental fire or overheat detection systems	84.35	.32	.27	37.07	
B0081	Perform thru-flight or postflight inspections of aircraft	80.27	.34	.27	37.34	120
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	91.84	.30	.27	37.61	
H0248	Analyze pressurization systems malfunctions	95.92	.28	.27	37.88	
A0026	Participate in pre-mission briefings	87.76	.31	.27	38.15	
H0281	Perform preflight inspections of pressurization systems	83.67	.32	.27	38.42	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	81.63	.33	.27	38.68	125
I0295	Monitor automatic flight control systems or autopilot systems operations	84.35	.31	.27	38.95	
N0440	Analyze engine starter systems malfunctions	94.56	.28	.26	39.21	
N0432	Analyze engine bleed-air systems malfunctions	93.20	.28	.26	39.48	
Q0529	Perform, practice, or simulate emergency engine procedures	91.16	.29	.26	39.74	
J0319	Inspect fuel tank level and cap security	85.71	.31	.26	40.00	130
E0140	Analyze APU or GTC fire detection systems malfunctions	95.24	.28	.26	40.27	
N0455	Operate or monitor engine fire suppression systems	82.99	.32	.26	40.53	
J0340	Perform preflight inspections of single-point refueling systems	85.03	.31	.26	40.79	
B0063	Ground aircraft	93.20	.28	.26	41.05	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	82.99	.31	.26	41.31	135
H0237	Analyze air-conditioning systems malfunctions	92.52	.28	.26	41.57	
O0483	Perform operational checks on propeller negative torque systems	84.35	.31	.26	41.83	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	91.16	.28	.26	42.09	
K0378	Perform preflight inspections of LDG normal systems	80.95	.32	.26	42.35	
G0224	Perform preflight inspections of electrical converter systems	80.27	.32	.26	42.61	140
A0011	Fasten seats, seat belts, or shoulder harnesses	82.31	.31	.26	42.86	
N0441	Analyze engine thrust or torque indicating systems malfunctions	91.84	.28	.26	43.12	
H0238	Analyze anti-ice systems malfunctions	93.88	.27	.26	43.38	
C0095	Compute airdrop data	76.19	.34	.26	43.64	
J0321	Monitor fuel dump/jettison systems operations	91.16	.28	.26	43.89	145
H0241	Analyze environmental bleed-air systems malfunctions	93.20	.28	.26	44.15	
N0438	Analyze engine ignition systems malfunctions	82.20	.27	.26	44.41	

E0142	Analyze APU or GTC fuel systems malfunctions	93.20	.27	.26	44.66
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	80.95	.32	.26	44.92

Number of Members: 147

gp0008

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0376	Perform preflight inspections of LDG emergency systems	82.99	.31	.26	45.17	150
N0437	Analyze engine fuel systems malfunctions	92.52	.28	.25	45.43	
D0119	Monitor door or ramp warning systems operations	84.35	.30	.25	45.68	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	77.55	.33	.25	45.94	
E0143	Analyze APU or GTC oil systems malfunctions	91.16	.28	.25	46.19	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	91.16	.28	.25	46.44	155
N0435	Analyze engine fire or overheat detection systems malfunctions	91.84	.28	.25	46.69	
A0021	Operate emergency escape hatches	95.92	.26	.25	46.95	
O0482	Perform operational checks on propeller feathering systems	81.63	.31	.25	47.20	
J0311	Analyze fuel indicating systems, to include dip stick	89.12	.28	.25	47.45	
N0439	Analyze engine oil cooler systems malfunctions	92.52	.27	.25	47.71	160
N0434	Analyze engine fire extinguishing systems malfunctions	91.84	.27	.25	47.96	
Q0527	Perform, practice, or simulate electrical system emergency procedures	90.48	.28	.25	48.21	
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	91.16	.27	.25	48.46	
H0250	Analyze underfloor heating systems malfunctions	93.88	.27	.25	48.71	
O0485	Perform preflight inspections of propeller systems components	77.55	.32	.25	48.96	165
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	91.84	.27	.25	49.21	
H0252	Analyze windshield heat systems malfunctions	93.88	.27	.25	49.46	
O0473	Analyze propeller anti-ice or de-ice systems malfunctions	86.39	.29	.25	49.71	
N0433	Analyze engine control systems malfunctions	90.48	.27	.25	49.95	
D0129	Perform preflight inspections of cargo doors, ramps, or latches	79.59	.31	.25	50.20	170
K0364	Monitor nosewheel steering systems operations	80.95	.30	.25	50.45	
Q0547	Recommend corrective actions for inflight emergency conditions	86.39	.29	.25	50.70	
H0240	Analyze de-ice systems malfunctions	90.48	.27	.25	50.94	
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	91.16	.27	.25	51.19	
Q0542	Perform, practice, or simulate smoke elimination procedures	88.44	.28	.24	51.43	175
A0027	Participate in preflight or postflight intelligence briefings	89.12	.27	.24	51.68	
J0337	Perform preflight inspections of fuel dump/jettison systems	79.59	.31	.24	51.92	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	75.51	.32	.24	52.16	
Q0474	Analyze propeller governor systems malfunctions	85.03	.28	.24	52.41	

H0243	Analyze environmental fire or overheat detection systems malfunctions	89.80	.27	.24	52.65	180
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Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	89.12	.27	.24	52.89	
H0268	Operate or monitor ventilating systems	76.87	.32	.24	53.14	
Q0548	Report emergency conditions	85.71	.28	.24	53.38	
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	88.44	.27	.24	53.62	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	87.07	.28	.24	53.86	185
O0484	Perform operational checks on propeller systems controls	78.91	.30	.24	54.10	
Q0523	Perform, practice, or simulate APU or GTC fire procedures	87.07	.28	.24	54.34	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	77.55	.31	.24	54.58	
I0293	Analyze primary flight control systems malfunctions	91.84	.26	.24	54.82	
S0577	Review FCIFs	74.15	.32	.24	55.06	190
H0277	Perform preflight inspections of environmental fire suppression bottles	77.55	.31	.24	55.30	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	91.16	.26	.24	55.54	
O0475	Analyze propeller negative torque systems malfunctions	86.39	.28	.24	55.78	
A0019	Open or close crew entrance doors	80.95	.29	.24	56.01	
N0442	Analyze temperature datum (TD) systems malfunctions	84.35	.28	.24	56.25	195
H0247	Analyze oxygen systems malfunctions	90.48	.26	.24	56.49	
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	80.95	.29	.24	56.73	
K0361	Monitor LDG emergency systems operations	85.03	.28	.24	56.96	
G0229	Perform preflight inspections of emergency electrical power generators	76.87	.31	.24	57.20	
F0193	Perform preflight inspections of CVRs	73.47	.32	.24	57.44	200
A0013	Fire small arms for qualification	97.96	.24	.24	57.67	
J0310	Analyze fuel flow systems malfunctions	88.44	.27	.24	57.91	
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	87.07	.27	.24	58.15	
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	83.67	.28	.23	58.38	
K0352	Analyze LDG position indicating systems malfunctions	88.44	.27	.23	58.62	205
N0430	Adjust engine controls during flight, such as cables or throttle levers	75.51	.31	.23	58.85	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	85.03	.27	.23	59.08	
A0022	Operate flightline motor vehicles	87.07	.27	.23	59.32	
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	84.35	.28	.23	59.55	
Q0544	Perform, practice, or simulate wing fire procedures	83.67	.28	.23	59.78	210
H0242	Analyze environmental fire extinguishing systems	87.07	.26	.23	60.01	

	malfunctions				
D0114	Analyze door or ramp warning systems malfunctions	88.44	.26	.23	60.24

Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	88.44	.26	.23	60.47	
O0476	Analyze propeller pitchlock systems malfunctions	82.99	.28	.23	60.70	
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	85.03	.27	.23	60.93	215
C0090	Complete range computations	78.91	.29	.23	61.16	
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	83.67	.27	.23	61.38	
D0130	Perform preflight inspections of door or ramp warning systems	74.15	.31	.23	61.61	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	82.99	.27	.23	61.84	
A0016	Interpret marshalling signals	83.67	.27	.23	62.06	220
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.84	.25	.23	62.29	
A0023	Operate galley equipment, such as ovens or coffee makers	87.07	.26	.22	62.51	
N0436	Analyze engine fire suppression systems malfunctions	85.03	.26	.22	62.74	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	85.71	.26	.22	62.96	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	84.35	.26	.22	63.18	225
Q0525	Perform, practice, or simulate cabin fire procedures	81.63	.27	.22	63.41	
N0458	Perform engine starts, runups, or shutdowns to include alternate procedures	70.07	.32	.22	63.63	
Q0532	Perform, practice, or simulate flight control system emergency procedures	82.31	.27	.22	63.85	
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	80.95	.27	.22	64.07	
J0315	Analyze single-point refueling systems malfunctions	84.35	.26	.22	64.29	230
J0323	Monitor nonstandard fuel systems configurations	78.23	.28	.22	64.51	
Q0524	Perform, practice, or simulate bailout or ditching procedures	81.63	.27	.22	64.73	
K0374	Perform preflight inspections of LDG cylinders or snubbers	68.71	.32	.22	64.94	
N0459	Perform operational checks on engine thrust or torque indicating systems	72.79	.30	.22	65.16	
K0351	Analyze LDG normal systems malfunctions	84.35	.26	.22	65.38	235
H0254	Monitor environmental fire suppression systems operations	74.15	.29	.22	65.60	
K0355	Analyze nosewheel steering systems malfunctions	82.99	.26	.22	65.82	
D0113	Analyze cargo door or ramp systems malfunctions	85.03	.26	.22	66.03	
H0244	Analyze environmental fire suppression systems malfunctions	83.67	.26	.22	66.25	
Q0540	Perform, practice, or simulate propeller failure	80.85	.27	.22	66.47	240

Q0546	procedures Recommend corrective actions for ground emergency conditions	79.59	.27	.21	66.68
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Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
J0344	Service fuel systems	73.47	.29	.21	66.89	
H0283	Perform preflight inspections of underfloor heating systems	70.75	.30	.21	67.10	
B0068	Interpret wiring or system schematic diagrams	80.95	.26	.21	67.32	
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	78.91	.27	.21	67.53	245
K0349	Analyze LDG emergency systems malfunctions	80.95	.26	.21	67.74	
B0088	Select maintenance brevity codes for AFTO Forms 781-series	71.43	.29	.21	67.94	
K0366	Operate LDG emergency systems extensions	81.63	.25	.20	68.15	
H0285	Perform preflight inspections of windshield heat systems	68.03	.30	.20	68.35	
G0217	Analyze special system buses malfunctions	73.47	.28	.20	68.55	250
J0333	Perform fuel system cold weather operations	72.11	.28	.20	68.75	
G0222	Operate or monitor emergency power generator systems	63.95	.32	.20	68.95	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	75.51	.27	.20	69.15	
C0110	Interpret terminal procedures (TERPs)	65.99	.30	.20	69.36	
A0030	Perform aircrew chemical warfare procedures	85.71	.23	.20	69.56	255
O0487	Recommend or perform corrective actions after analyses of propeller systems malfunctions	72.79	.28	.20	69.76	
J0313	Analyze fuel transfer systems malfunctions	78.91	.25	.20	69.96	
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	76.19	.26	.20	70.16	
J0309	Analyze fuel dump/jettison systems malfunctions	80.27	.25	.20	70.36	
Q0541	Perform, practice, or simulate rapid descent procedures	74.15	.27	.20	70.55	260
H0239	Analyze avionics or electronic cooling systems malfunctions	74.15	.27	.20	70.75	
A0038	Perform preflight inspections of aircraft for chocking	69.39	.28	.20	70.95	
P0504	Perform HALO paradrop checklist procedures	69.39	.28	.20	71.14	
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	59.18	.33	.20	71.34	
N0444	Monitor engine compressor sections operations	62.59	.31	.19	71.53	265
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	74.83	.26	.19	71.73	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	76.19	.25	.19	71.92	
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	71.43	.27	.19	72.11	
J0332	Perform fuel system hot weather operations	67.35	.28	.19	72.30	
A0014	Inspect ramp areas for foreign object damage (FOD)	71.43	.27	.19	72.49	270
A0034	Perform high-altitude procedures in altitude chambers	80.95	.23	.19	72.68	
D0131	Perform preflight inspections of exit spoiler or air deflector systems	61.90	.31	.19	72.87	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	71.43	.26	.19	73.06	

P0510	Perform remote site landings or take-offs, such as unimproved or substandard runways	70.75	.27	.19	73.25
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Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
B0085	Remove or replace access doors, cowlings, fairings, inspection plates, panels, or windows	74.83	.25	.19	73.44	275
B0069	Inventory tool kits	74.15	.25	.19	73.62	
H0251	Analyze ventilating systems malfunctions	74.83	.25	.19	73.81	
J0328	Operate or monitor fuel systems using nonstandard fuels	71.43	.26	.19	73.99	
C0089	Complete performance planning worksheets	61.22	.30	.19	74.18	
M0428	Service hydraulic systems	74.15	.25	.18	74.37	280
F0187	Operate or monitor radar systems	68.71	.27	.18	74.55	
H0272	Perform preflight inspections of avionics or electronic cooling systems	61.90	.30	.18	74.73	
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	74.83	.24	.18	74.92	
A0029	Perform aircrew arming procedures	77.55	.23	.18	75.10	
G0219	Operate special system buses	61.90	.29	.18	75.28	285
A0043	Perform preflight inspections of crew relief areas	62.59	.29	.18	75.46	
B0062	Evaluate proposed maintenance repairs or minor modifications	61.90	.29	.18	75.64	
B0076	Perform hostile environment repairs	82.99	.21	.18	75.81	
K0354	Analyze LDG wheel assembly malfunctions	73.47	.24	.18	75.99	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	65.99	.27	.18	76.17	290
H0255	Operate environmental fire extinguishing systems	69.39	.25	.17	76.34	
M0410	Analyze pneudraulic systems malfunctions	63.95	.27	.17	76.51	
H0260	Operate or monitor avionics or electronic cooling systems	58.50	.29	.17	76.69	
K0357	Monitor alternate gear extensions or retractions	67.35	.25	.17	76.86	
A0055	Secure equipment for descent or landing	59.86	.28	.17	77.03	295
H0278	Perform preflight inspections of forced-air cooling systems	57.82	.29	.17	77.20	
N0449	Monitor engine thrust reversing systems operations	48.98	.34	.17	77.37	
E0164	Service APU or GTC systems	69.39	.24	.17	77.53	
F0186	Operate or monitor navigation equipment, other than radar equipment	61.22	.27	.17	77.70	
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	64.63	.26	.17	77.87	300
Q0528	Perform, practice, or simulate emergency driftdown procedures	62.59	.27	.17	78.04	
B0064	Identify powered aerospace ground equipment (AGE) malfunctions	68.71	.24	.17	78.20	
A0052	Request aircrew transportation	68.71	.24	.17	78.37	
O0488	Service propeller systems	67.35	.24	.16	78.53	
E0160	Perform unscheduled maintenance on APU or GTC systems	64.63	.25	.16	78.69	305
M0416	Operate or monitor pneudraulic systems to include emergency systems	53.06	.30	.16	78.85	

G0234	Perform unscheduled maintenance on electrical systems, other than APU or GTC electrical systems	63.27	.25	.16	79.01
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Number of Members: 147

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	60.54	.26	.16	79.17	
D0115	Analyze exit spoiler or air deflector systems malfunctions	66.67	.24	.16	79.33	
K0365	Operate alternate gear systems	59.86	.26	.16	79.49	310
N0471	Record entries on engine conditioning monitoring logs	55.78	.28	.16	79.64	
R0550	Compile data for records, reports, logs, or trend analyses	54.42	.29	.16	79.80	
D0135	Recommend or perform corrective actions after analyses of auxiliary systems malfunctions	63.95	.24	.15	79.95	

Number of Members: 146

gp0010

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.56	11.57
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	10.73	22.32
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.26	32.59
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	7.57	40.17
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	7.06	47.25
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	6.58	53.83
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.03	59.87
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	5.23	65.10
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	4.95	70.06
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	4.80	74.87
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.45	79.33
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	4.11	83.44
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	3.96	87.40
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	3.19	90.60
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	2.25	92.85
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.67	94.52
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	1.48	96.01
U	PERFORMING TRAINING ACTIVITIES	24	1.37	97.37
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.36	98.73
R	PERFORMING EVALUATION ACTIVITIES	11	.56	99.29
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.52	99.82
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	.18	100.00

Number of Members: 146

gp0010

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	99.32	.40	.40	.40	
N0453	Operate or monitor bleed-air systems	97.95	.37	.37	.76	
N0456	Operate or monitor engine fuel systems	97.95	.37	.36	1.13	
A0042	Perform preflight inspections of cockpit or cabin compartments	99.32	.37	.36	1.49	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	98.63	.37	.36	1.85	5
N0447	Monitor engine instrument systems operations	97.26	.37	.36	2.21	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	97.95	.37	.36	2.57	
N0448	Monitor engine thrust or torque indicating systems operations	96.58	.37	.35	2.93	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	97.95	.36	.35	3.28	
C0096	Compute climb, cruise, or descent data	98.63	.36	.35	3.63	10
H0266	Operate or monitor pressurization systems	96.58	.36	.35	3.98	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.26	.36	.35	4.33	
N0446	Monitor engine fire or overheat detection systems operations	95.89	.36	.35	4.68	
A0039	Perform preflight inspections of aircraft for fluid leakage	96.58	.36	.35	5.02	
E0149	Operate or monitor APU or GTC electrical systems	97.95	.35	.35	5.37	15
E0148	Operate or monitor APU or GTC bleed-air systems	97.95	.35	.34	5.71	
E0151	Perform operational checks on APU or GTC bleed-air systems	97.26	.35	.34	6.05	
N0460	Perform preflight inspections of bleed-air systems	97.26	.35	.34	6.39	
J0320	Monitor fuel consumption	94.52	.36	.34	6.73	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	92.47	.37	.34	7.07	20

E0152	Perform operational checks on APU or GTC electrical systems	96.58	.35	.34	7.40
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Number of Members: 146

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
E0154	Perform preflight inspections of APU or GTC bleed-air systems	96.58	.35	.34	7.74	
H0262	Operate or monitor environmental bleed-air systems	93.84	.36	.34	8.08	
H0258	Operate or monitor air-conditioning systems	95.21	.35	.34	8.41	
H0267	Operate or monitor underfloor heating systems	95.21	.35	.33	8.75	25
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	95.21	.35	.33	9.08	
E0156	Perform preflight inspections of APU or GTC fire detection systems	94.52	.35	.33	9.41	
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	95.21	.35	.33	9.74	
G0228	Perform preflight inspections of electrical power systems	95.89	.34	.33	10.07	
N0466	Perform preflight inspections of engine fire or overheat detection systems	97.26	.34	.33	10.40	30
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	97.26	.34	.33	10.73	
G0230	Perform preflight inspections of interior or exterior lighting systems	95.89	.34	.33	11.05	
N0463	Perform preflight inspections of engine cowlings	96.58	.34	.33	11.38	
C0092	Compute aircraft emergency performance data	94.52	.34	.32	11.70	
I0303	Perform preflight inspections of primary flight control systems	94.52	.34	.32	12.03	35
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	93.15	.35	.32	12.35	
N0457	Operate or monitor engine ignition systems	93.84	.34	.32	12.67	
H0261	Operate or monitor de-ice systems	93.84	.34	.32	12.99	
N0454	Operate or monitor engine fire extinguishing systems	96.58	.33	.32	13.31	
N0464	Perform preflight inspections of engine exhaust sections	95.89	.33	.32	13.63	40
G0225	Perform preflight inspections of batteries or battery relays	94.52	.34	.32	13.95	
E0155	Perform preflight inspections of APU or GTC electrical systems	93.15	.34	.32	14.27	
H0265	Operate or monitor oxygen systems	93.84	.34	.32	14.59	
E0150	Operate or monitor APU or GTC fire extinguishing systems	97.95	.33	.32	14.91	
K0375	Perform preflight inspections of LDG doors	93.84	.34	.32	15.23	45
H0259	Operate or monitor anti-ice systems	93.84	.34	.32	15.55	
B0060	Coordinate maintenance requirements with crew chiefs	95.21	.33	.32	15.87	
E0144	Monitor APU or GTC fire detection systems operations	97.95	.32	.32	16.18	
A0044	Perform preflight inspections of emergency exit systems	93.15	.34	.32	16.50	
N0452	Operate TD systems	86.99	.36	.31	16.81	50
G0231	Perform preflight inspections of pitot-static systems	93.15	.34	.31	17.13	

G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	94.52	.33	.31	17.44
G0218	Monitor transformer rectifier (TR) systems operations	90.41	.35	.31	17.75

Number of Members: 146

gp0010

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	91.78	.34	.31	18.06	
F0184	Operate or monitor interphone systems	86.99	.36	.31	18.37	55
N0461	Perform preflight inspections of engine air intakes	93.15	.33	.31	18.68	
O0480	Operate or monitor propeller anti-ice or de-ice systems	87.67	.35	.31	18.99	
A0024	Participate in crew operations debriefings	95.21	.32	.31	19.30	
G0223	Perform operational checks on pitot heat systems	92.47	.33	.31	19.61	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	93.15	.33	.31	19.92	60
H0271	Perform preflight inspections of anti-ice systems	91.78	.34	.31	20.23	
G0232	Perform preflight inspections of transformer rectifier systems	91.10	.34	.31	20.54	
C0108	Evaluate aircraft performance data	89.04	.35	.31	20.84	
K0363	Monitor LDG system normal extensions or retractions	93.15	.33	.31	21.15	
A0025	Participate in maintenance debriefings	94.52	.32	.31	21.46	65
K0362	Monitor LDG position indicators	92.47	.33	.31	21.76	
O0481	Perform operational checks on propeller anti-ice or de-ice systems	87.67	.35	.31	22.07	
H0270	Perform preflight inspections of air-conditioning systems	90.41	.34	.30	22.37	
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.78	.33	.30	22.68	
J0325	Operate or monitor fuel flow or transfer systems	90.41	.34	.30	22.98	70
H0280	Perform preflight inspections of oxygen systems	92.47	.33	.30	23.28	
H0269	Operate or monitor windshield heat systems	91.10	.33	.30	23.59	
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97.26	.31	.30	23.89	
N0465	Perform preflight inspections of engine fire extinguishing systems	92.47	.33	.30	24.19	
E0157	Perform preflight inspections of APU or GTC fire extinguishing systems	90.41	.33	.30	24.49	75
N0467	Perform preflight inspections of engine fire suppression bottles	91.78	.33	.30	24.79	
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	91.78	.33	.30	25.09	
J0326	Operate or monitor fuel indicating systems, to include dip stick	89.04	.34	.30	25.39	
K0358	Monitor brake antiskid systems operations	92.47	.32	.30	25.69	
K0381	Perform preflight inspections of LDG tires	89.04	.34	.30	25.99	80
O0477	Monitor propeller governor systems operations	86.30	.34	.30	26.28	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	91.10	.32	.30	26.58	
F0147	Operate or monitor APU starting systems	94.92	.35	.30	26.97	

H0274	Perform preflight inspections of environmental bleed-air systems	88.36	.33	.29	27.17
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				Avg Pct Time Spent by All Members		
K0372	Perform preflight inspections of LDG brake or antiskid systems	89.04	.33	.29	27.46	85
J0330	Operate or monitor single-point refueling systems	93.15	.32	.29	27.76	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	93.84	.31	.29	28.05	
K0383	Perform preflight inspections of nosewheel steering systems	89.73	.33	.29	28.35	
O0478	Monitor propeller negative torque systems operations	87.67	.34	.29	28.64	
A0031	Perform aircrew scanning duties	82.88	.35	.29	28.93	90
E0145	Monitor APU or GTC fuel systems operations	94.52	.31	.29	29.22	
H0253	Monitor environmental fire or overheat detection systems operations	88.36	.33	.29	29.52	
I0299	Monitor secondary flight control systems operations, such as trim systems	86.99	.34	.29	29.81	
E0153	Perform preflight inspections of APU starting systems	86.30	.34	.29	30.10	
E0159	Perform preflight inspections of APU or GTC oil systems	91.10	.32	.29	30.39	95
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	88.36	.33	.29	30.68	
I0298	Monitor primary flight control systems operations	86.30	.33	.29	30.96	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	83.56	.34	.29	31.25	
K0382	Perform preflight inspections of LDG wheel assemblies	89.04	.32	.29	31.53	
E0158	Perform preflight inspections of APU or GTC fuel systems	88.36	.32	.29	31.82	100
J0317	Complete fuel logs	90.41	.31	.28	32.10	
G0227	Perform preflight inspections of electrical inverter systems	86.30	.33	.28	32.39	
B0084	Remove or install airframe, engine covers, or pitot covers	94.52	.30	.28	32.67	
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	83.56	.34	.28	32.96	
F0188	Operate or monitor radios	80.82	.35	.28	33.24	105
O0479	Monitor propeller pitchlock systems operations	86.30	.33	.28	33.52	
I0297	Monitor flight control position instrument systems operations	86.30	.33	.28	33.80	
A0045	Perform preflight inspections of liferaft release mechanisms	87.67	.32	.28	34.09	
K0359	Monitor brake pressures	84.25	.33	.28	34.37	
H0273	Perform preflight inspections of de-ice systems	86.30	.32	.28	34.65	110
K0379	Perform preflight inspections of LDG position indicating systems	85.62	.32	.28	34.92	
B0078	Perform inflight inspections of aircraft	88.36	.31	.28	35.20	
C0093	Compute aircraft performance data for nonstandard configurations	91.10	.30	.28	35.48	
E0138	Analyze APU or GTC electrical systems malfunctions	87.85	.28	.27	35.75	

E0146	Monitor APU or GTC oil systems operations	91.78	.30	.27	36.03	115
J0336	Perform preflight inspections of external fuel tanks	84.25	.33	.27	36.30	

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M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	79.45	.34	.27	36.57	
P0501	Perform airdrop checklist procedures, other than for high-altitude low-opening (HALO) paradrops	80.82	.34	.27	36.85	
H0276	Perform preflight inspections of environmental fire or overheat detection systems	84.25	.32	.27	37.12	
B0081	Perform thru-flight or postflight inspections of aircraft	80.14	.34	.27	37.39	120
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	91.78	.30	.27	37.66	
H0248	Analyze pressurization systems malfunctions	95.89	.28	.27	37.93	
A0026	Participate in pre-mission briefings	87.67	.31	.27	38.20	
H0281	Perform preflight inspections of pressurization systems	83.56	.32	.27	38.47	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	81.51	.33	.27	38.73	125
I0295	Monitor automatic flight control systems or autopilot systems operations	84.25	.31	.27	39.00	
N0440	Analyze engine starter systems malfunctions	94.52	.28	.26	39.26	
N0432	Analyze engine bleed-air systems malfunctions	93.15	.28	.26	39.53	
Q0529	Perform, practice, or simulate emergency engine procedures	91.10	.29	.26	39.79	
J0319	Inspect fuel tank level and cap security	85.62	.31	.26	40.05	130
E0140	Analyze APU or GTC fire detection systems malfunctions	95.21	.28	.26	40.32	
N0455	Operate or monitor engine fire suppression systems	82.88	.32	.26	40.58	
J0340	Perform preflight inspections of single-point refueling systems	84.93	.31	.26	40.84	
B0063	Ground aircraft	93.15	.28	.26	41.10	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	82.88	.32	.26	41.37	135
A0011	Fasten seats, seat belts, or shoulder harnesses	82.88	.31	.26	41.63	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	91.10	.29	.26	41.89	
H0237	Analyze air-conditioning systems malfunctions	92.47	.28	.26	42.14	
O0483	Perform operational checks on propeller negative torque systems	84.25	.31	.26	42.40	
K0378	Perform preflight inspections of LDG normal systems	80.82	.32	.26	42.66	140
G0224	Perform preflight inspections of electrical converter systems	80.14	.32	.26	42.92	
N0441	Analyze engine thrust or torque indicating systems malfunctions	91.78	.28	.26	43.18	
H0238	Analyze anti-ice systems malfunctions	93.84	.27	.26	43.43	
C0095	Compute airdrop data	76.03	.34	.26	43.69	
J0321	Monitor fuel dump/jettison systems operations	91.10	.28	.26	43.95	145
H0241	Analyze environmental bleed-air systems malfunctions	93.15	.28	.26	44.20	
N0438	Analyze engine ignition systems malfunctions	82.15	.27	.26	44.46	

E0142	Analyze APU or GTC fuel systems malfunctions	93.15	.27	.26	44.71
D0119	Monitor door or ramp warning systems operations	84.25	.30	.26	44.97

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A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	80.82	.32	.26	45.23	150
K0376	Perform preflight inspections of LDG emergency systems	82.88	.31	.26	45.48	
N0437	Analyze engine fuel systems malfunctions	92.47	.28	.25	45.74	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	77.40	.33	.25	45.99	
E0143	Analyze APU or GTC oil systems malfunctions	91.10	.28	.25	46.24	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	91.10	.28	.25	46.50	155
N0435	Analyze engine fire or overheat detection systems malfunctions	91.78	.28	.25	46.75	
A0021	Operate emergency escape hatches	95.89	.26	.25	47.00	
O0482	Perform operational checks on propeller feathering systems	81.51	.31	.25	47.25	
J0311	Analyze fuel indicating systems, to include dip stick	89.04	.28	.25	47.51	
N0439	Analyze engine oil cooler systems malfunctions	92.47	.27	.25	47.76	160
N0434	Analyze engine fire extinguishing systems malfunctions	91.78	.27	.25	48.01	
Q0527	Perform, practice, or simulate electrical system emergency procedures	90.41	.28	.25	48.26	
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	91.10	.27	.25	48.51	
H0250	Analyze underfloor heating systems malfunctions	93.84	.27	.25	48.76	
O0485	Perform preflight inspections of propeller systems components	77.40	.32	.25	49.01	165
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	91.78	.27	.25	49.26	
H0252	Analyze windshield heat systems malfunctions	93.84	.27	.25	49.51	
D0129	Perform preflight inspections of cargo doors, ramps, or latches	79.45	.31	.25	49.76	
O0473	Analyze propeller anti-ice or de-ice systems malfunctions	86.30	.29	.25	50.01	
N0433	Analyze engine control systems malfunctions	90.41	.27	.25	50.26	170
K0364	Monitor nosewheel steering systems operations	80.82	.30	.25	50.50	
Q0547	Recommend corrective actions for inflight emergency conditions	86.30	.29	.25	50.75	
H0240	Analyze de-ice systems malfunctions	90.41	.27	.25	50.99	
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	91.10	.27	.25	51.24	
Q0542	Perform, practice, or simulate smoke elimination procedures	88.36	.28	.24	51.48	175
A0027	Participate in preflight or postflight intelligence briefings	89.04	.27	.24	51.73	
J0337	Perform preflight inspections of fuel dump/jettison systems	79.45	.31	.24	51.97	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	75.34	.32	.24	52.22	

O0474	Analyze propeller governor systems malfunctions	84.93	.29	.24	52.46	
H0243	Analyze environmental fire or overheat detection systems malfunctions	89.73	.27	.24	52.70	180

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Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	89.04	.27	.24	52.94	
H0268	Operate or monitor ventilating systems	76.71	.32	.24	53.19	
Q0548	Report emergency conditions	85.62	.28	.24	53.43	
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	88.36	.27	.24	53.67	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	86.99	.28	.24	53.91	185
O0484	Perform operational checks on propeller systems controls	78.77	.31	.24	54.15	
Q0523	Perform, practice, or simulate APU or GTC fire procedures	86.99	.28	.24	54.39	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	77.40	.31	.24	54.63	
I0293	Analyze primary flight control systems malfunctions	91.78	.26	.24	54.87	
S0577	Review FCIFs	73.97	.32	.24	55.11	190
H0277	Perform preflight inspections of environmental fire suppression bottles	77.40	.31	.24	55.35	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	91.10	.26	.24	55.59	
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	80.82	.30	.24	55.82	
O0475	Analyze propeller negative torque systems malfunctions	86.30	.28	.24	56.06	
A0019	Open or close crew entrance doors	80.82	.29	.24	56.30	195
N0442	Analyze temperature datum (TD) systems malfunctions	84.25	.28	.24	56.54	
A0013	Fire small arms for qualification	97.95	.24	.24	56.78	
H0247	Analyze oxygen systems malfunctions	90.41	.26	.24	57.01	
K0361	Monitor LDG emergency systems operations	84.93	.28	.24	57.25	
G0229	Perform preflight inspections of emergency electrical power generators	76.71	.31	.24	57.49	200
F0193	Perform preflight inspections of CVRs	73.29	.32	.24	57.72	
J0310	Analyze fuel flow systems malfunctions	88.36	.27	.24	57.96	
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	86.99	.27	.24	58.20	
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	83.56	.28	.23	58.43	
K0352	Analyze LDG position indicating systems malfunctions	88.36	.27	.23	58.67	205
N0430	Adjust engine controls during flight, such as cables or throttle levers	75.34	.31	.23	58.90	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	84.93	.27	.23	59.13	
A0022	Operate flightline motor vehicles	86.99	.27	.23	59.36	
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	84.25	.28	.23	59.60	
D0114	Analyze door or ramp warning systems malfunctions	88.36	.26	.23	59.83	210
Q0544	Perform, practice, or simulate wing fire procedures	82.56	.28	.23	60.06	

H0242	Analyze environmental fire extinguishing systems malfunctions	86.99	.26	.23	60.29
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K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	88.36	.26	.23	60.52	
O0476	Analyze propeller pitchlock systems malfunctions	82.88	.28	.23	60.75	
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	84.93	.27	.23	60.98	215
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	84.25	.27	.23	61.21	
D0130	Perform preflight inspections of door or ramp warning systems	73.97	.31	.23	61.43	
C0090	Complete range computations	78.77	.29	.23	61.66	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	82.88	.27	.23	61.89	
A0016	Interpret marshalling signals	83.56	.27	.23	62.12	220
A0023	Operate galley equipment, such as ovens or coffee makers	86.99	.26	.23	62.34	
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.78	.24	.22	62.57	
N0436	Analyze engine fire suppression systems malfunctions	84.93	.26	.22	62.79	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	85.62	.26	.22	63.01	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	84.25	.26	.22	63.24	225
Q0525	Perform, practice, or simulate cabin fire procedures	81.51	.27	.22	63.46	
N0458	Perform engine starts, runups, or shutdowns to include alternate procedures	69.86	.32	.22	63.68	
K0374	Perform preflight inspections of LDG cylinders or snubbers	68.49	.32	.22	63.90	
Q0532	Perform, practice, or simulate flight control system emergency procedures	82.19	.27	.22	64.12	
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	80.82	.27	.22	64.34	230
J0315	Analyze single-point refueling systems malfunctions	84.25	.26	.22	64.56	
J0323	Monitor nonstandard fuel systems configurations	78.08	.28	.22	64.78	
Q0524	Perform, practice, or simulate bailout or ditching procedures	81.51	.27	.22	65.00	
N0459	Perform operational checks on engine thrust or torque indicating systems	72.60	.30	.22	65.21	
D0113	Analyze cargo door or ramp systems malfunctions	84.93	.26	.22	65.43	235
K0351	Analyze LDG normal systems malfunctions	84.25	.26	.22	65.65	
H0254	Monitor environmental fire suppression systems operations	73.97	.29	.22	65.87	
K0355	Analyze nosewheel steering systems malfunctions	82.88	.26	.22	66.09	
H0244	Analyze environmental fire suppression systems malfunctions	83.56	.26	.22	66.30	
Q0540	Perform, practice, or simulate propeller failure	80.82	.27	.21	66.52	240

	procedures				
H0283	Perform preflight inspections of underfloor heating systems	71.23	.30	.21	66.73

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Q0546	Recommend corrective actions for ground emergency conditions	79.45	.27	.21	66.94	
J0344	Service fuel systems	73.29	.29	.21	67.16	
B0068	Interpret wiring or system schematic diagrams	80.82	.26	.21	67.37	
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	78.77	.27	.21	67.58	245
K0349	Analyze LDG emergency systems malfunctions	80.82	.26	.21	67.79	
B0088	Select maintenance brevity codes for AFTO Forms 781-series	71.23	.29	.21	67.99	
K0366	Operate LDG emergency systems extensions	81.51	.25	.20	68.19	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	76.03	.27	.20	68.40	
H0285	Perform preflight inspections of windshield heat systems	67.81	.30	.20	68.60	250
G0217	Analyze special system buses malfunctions	73.29	.28	.20	68.80	
J0333	Perform fuel system cold weather operations	71.92	.28	.20	69.00	
C0110	Interpret terminal procedures (TERPs)	65.75	.31	.20	69.20	
A0030	Perform aircrew chemical warfare procedures	85.62	.24	.20	69.41	
G0222	Operate or monitor emergency power generator systems	63.70	.32	.20	69.61	255
O0487	Recommend or perform corrective actions after analyses of propeller systems malfunctions	72.60	.28	.20	69.81	
J0313	Analyze fuel transfer systems malfunctions	78.77	.25	.20	70.01	
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	76.03	.26	.20	70.21	
J0309	Analyze fuel dump/jettison systems malfunctions	80.14	.25	.20	70.40	
Q0541	Perform, practice, or simulate rapid descent procedures	73.97	.27	.20	70.60	260
H0239	Analyze avionics or electronic cooling systems malfunctions	73.97	.27	.20	70.80	
A0038	Perform preflight inspections of aircraft for chocking	69.18	.28	.20	70.99	
P0504	Perform HALO paradrop checklist procedures	69.18	.28	.20	71.19	
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	58.90	.33	.20	71.39	
N0444	Monitor engine compressor sections operations	62.33	.31	.19	71.58	265
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	74.66	.26	.19	71.77	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	76.03	.25	.19	71.97	
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	71.23	.27	.19	72.16	
D0131	Perform preflight inspections of exit spoiler or air deflector systems	61.64	.31	.19	72.35	
J0332	Perform fuel system hot weather operations	67.12	.28	.19	72.54	270
A0014	Inspect ramp areas for foreign object damage (FOD)	71.23	.27	.19	72.73	
A0034	Perform high-altitude procedures in altitude chambers	80.82	.23	.19	72.92	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	71.23	.26	.19	73.11	

B0069	Inventory tool kits	74.66	.25	.19	73.29	
P0510	Perform remote site landings or take-offs, such as unimproved or substandard runways	70.55	.27	.19	73.48	275

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B0085	Remove or replace access doors, cowlings, fairings, inspection plates, panels, or windows	74.66	.25	.19	73.67	
H0251	Analyze ventilating systems malfunctions	74.66	.25	.19	73.85	
J0328	Operate or monitor fuel systems using nonstandard fuels	71.23	.26	.19	74.04	
C0089	Complete performance planning worksheets	60.96	.30	.18	74.22	
M0428	Service hydraulic systems	73.97	.25	.18	74.41	280
F0187	Operate or monitor radar systems	68.49	.27	.18	74.59	
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	74.66	.25	.18	74.78	
A0029	Perform aircrew arming procedures	77.40	.24	.18	74.96	
H0272	Perform preflight inspections of avionics or electronic cooling systems	61.64	.30	.18	75.14	
G0219	Operate special system buses	61.64	.29	.18	75.32	285
A0043	Perform preflight inspections of crew relief areas	62.33	.29	.18	75.50	
B0076	Perform hostile environment repairs	83.56	.21	.18	75.68	
B0062	Evaluate proposed maintenance repairs or minor modifications	61.64	.29	.18	75.86	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	66.44	.27	.18	76.03	
K0354	Analyze LDG wheel assembly malfunctions	73.29	.24	.18	76.21	290
H0255	Operate environmental fire extinguishing systems	69.18	.25	.17	76.38	
M0410	Analyze pneudraulic systems malfunctions	63.70	.27	.17	76.56	
A0055	Secure equipment for descent or landing	60.27	.28	.17	76.73	
H0260	Operate or monitor avionics or electronic cooling systems	58.22	.29	.17	76.90	
K0357	Monitor alternate gear extensions or retractions	67.12	.25	.17	77.07	295
H0278	Perform preflight inspections of forced-air cooling systems	57.53	.30	.17	77.24	
N0449	Monitor engine thrust reversing systems operations	48.63	.34	.17	77.41	
E0164	Service APU or GTC systems	69.18	.24	.17	77.58	
B0064	Identify powered aerospace ground equipment (AGE) malfunctions	68.49	.24	.17	77.74	
F0186	Operate or monitor navigation equipment, other than radar equipment	60.96	.27	.17	77.91	300
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	64.38	.26	.17	78.07	
A0052	Request aircrew transportation	68.49	.24	.17	78.24	
Q0528	Perform, practice, or simulate emergency driftdown procedures	62.33	.27	.17	78.41	
O0488	Service propeller systems	67.12	.24	.16	78.57	
E0160	Perform unscheduled maintenance on APU or GTC systems	64.38	.25	.16	78.73	305
M0416	Operate or monitor pneudraulic systems to include emergency systems	52.74	.30	.16	78.89	
G0224	Perform unscheduled maintenance on electrical systems	62.01	.25	.16	78.05	

Q0530	other than APU or GTC electrical systems				
	Perform, practice, or simulate emergency jettison	60.27	.26	.16	79.21
	procedures of flare or chaff systems				

Number of Members: 146

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
D0115	Analyze exit spoiler or air deflector systems malfunctions	66.44	.24	.16	79.37	
R0550	Compile data for records, reports, logs, or trend analyses	54.79	.29	.16	79.52	310
K0365	Operate alternate gear systems	59.59	.26	.16	79.68	
N0471	Record entries on engine conditioning monitoring logs	55.48	.28	.15	79.84	
D0135	Recommend or perform corrective actions after analyses of auxiliary systems malfunctions	63.70	.24	.15	79.99	

Number of Members: 231

gp0011

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.14	11.16
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.82	21.99
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	9.52	31.52
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	8.08	39.61
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	8.04	47.67
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	7.73	55.40
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.44	61.85
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	6.25	68.11
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.50	72.61
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	4.34	76.96
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	3.92	80.88
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	3.84	84.73
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	3.53	88.26
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	2.99	91.26
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	2.62	93.88
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.57	95.45
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.15	96.60
U	PERFORMING TRAINING ACTIVITIES	24	1.05	97.66
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	.77	98.43
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	.74	99.17
R	PERFORMING EVALUATION ACTIVITIES	11	.48	99.65
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.35	100.00

Number of Members: 231

gp0011

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
A0031	Perform aircrew scanning duties	95.24	.42	.40	.40	
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	97.84	.37	.36	.76	
A0024	Participate in crew operations debriefings	95.24	.37	.35	1.11	
C0092	Compute aircraft emergency performance data	96.97	.36	.35	1.46	
A0042	Perform preflight inspections of cockpit or cabin compartments	97.84	.36	.35	1.81	5
J0320	Monitor fuel consumption	95.24	.37	.35	2.16	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.40	.34	.33	2.49	
N0447	Monitor engine instrument systems operations	95.67	.34	.33	2.82	
A0039	Perform preflight inspections of aircraft for fluid leakage	95.67	.34	.33	3.14	
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	96.97	.33	.32	3.47	10
B0060	Coordinate maintenance requirements with crew chiefs	96.97	.33	.32	3.79	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	97.40	.33	.32	4.11	
N0453	Operate or monitor bleed-air systems	96.54	.33	.32	4.43	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	94.81	.33	.32	4.75	
A0025	Participate in maintenance debriefings	97.40	.32	.31	5.06	15
H0266	Operate or monitor pressurization systems	96.97	.32	.31	5.37	
N0456	Operate or monitor engine fuel systems	94.37	.33	.31	5.69	
I0303	Perform preflight inspections of primary flight control systems	97.40	.32	.31	6.00	
H0258	Operate or monitor air-conditioning systems	95.67	.32	.31	6.31	
F0188	Operate or monitor radios	93.07	.33	.31	6.61	20
H0262	Operate or monitor environmental bleed-air systems	94.37	.32	.31	6.92	
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	96.54	.32	.31	7.23	

A0026	Participate in pre-mission briefings	94.81	.32	.30	7.53
F0184	Operate or monitor interphone systems	92.64	.33	.30	7.83

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	92.21	.33	.30	8.14	25
C0096	Compute climb, cruise, or descent data	97.84	.31	.30	8.44	
N0460	Perform preflight inspections of bleed-air systems	94.81	.31	.30	8.73	
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	96.10	.31	.30	9.03	
E0149	Operate or monitor APU or GTC electrical systems	95.67	.31	.30	9.33	
K0372	Perform preflight inspections of LDG brake or antiskid systems	96.54	.30	.29	9.62	30
N0446	Monitor engine fire or overheat detection systems operations	95.67	.31	.29	9.91	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	87.88	.33	.29	10.21	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	96.54	.30	.29	10.50	
J0325	Operate or monitor fuel flow or transfer systems	95.24	.31	.29	10.79	
E0148	Operate or monitor APU or GTC bleed-air systems	95.24	.31	.29	11.09	35
H0270	Perform preflight inspections of air-conditioning systems	96.10	.30	.29	11.38	
B0078	Perform inflight inspections of aircraft	91.77	.32	.29	11.67	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	94.81	.31	.29	11.96	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	94.37	.31	.29	12.24	
A0044	Perform preflight inspections of emergency exit systems	92.64	.31	.29	12.53	40
K0362	Monitor LDG position indicators	95.24	.30	.29	12.82	
H0253	Monitor environmental fire or overheat detection systems operations	92.64	.31	.28	13.10	
E0147	Operate or monitor APU starting systems	93.94	.30	.28	13.38	
J0317	Complete fuel logs	94.81	.30	.28	13.67	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	93.51	.30	.28	13.95	45
K0363	Monitor LDG system normal extensions or retractions	93.94	.30	.28	14.23	
H0265	Operate or monitor oxygen systems	94.81	.30	.28	14.51	
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	89.61	.31	.28	14.79	
N0448	Monitor engine thrust or torque indicating systems operations	85.28	.33	.28	15.06	
E0156	Perform preflight inspections of APU or GTC fire detection systems	94.81	.29	.28	15.34	50
N0466	Perform preflight inspections of engine fire or overheat detection systems	94.37	.29	.28	15.62	
K0381	Perform preflight inspections of LDG tires	94.37	.29	.28	15.90	
K0359	Monitor brake pressures	93.07	.30	.28	16.17	
A0021	Operate emergency escape hatches	95.24	.28	.28	16.45	

H0274	Perform preflight inspections of environmental bleed-air systems	93.07	.30	.28	16.73	55
H0267	Operate or monitor underfloor heating systems	91.77	.30	.28	17.01	

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0358	Monitor brake antiskid systems operations	93.94	.29	.28	17.28	
K0382	Perform preflight inspections of LDG wheel assemblies	93.94	.29	.28	17.56	
A0019	Open or close crew entrance doors	93.94	.29	.28	17.83	
K0375	Perform preflight inspections of LDG doors	92.64	.30	.27	18.11	60
E0150	Operate or monitor APU or GTC fire extinguishing systems	95.67	.29	.27	18.38	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	96.97	.28	.27	18.66	
G0218	Monitor transformer rectifier (TR) systems operations	94.81	.29	.27	18.93	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	93.51	.29	.27	19.20	
E0154	Perform preflight inspections of APU or GTC bleed-air systems	92.21	.29	.27	19.47	65
H0259	Operate or monitor anti-ice systems	94.81	.29	.27	19.74	
N0454	Operate or monitor engine fire extinguishing systems	92.21	.29	.27	20.01	
N0463	Perform preflight inspections of engine cowlings	92.64	.29	.27	20.28	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	90.48	.30	.27	20.55	
I0298	Monitor primary flight control systems operations	90.48	.30	.27	20.82	70
J0324	Operate or monitor air refueling systems	87.01	.31	.27	21.09	
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	92.21	.29	.27	21.35	
N0464	Perform preflight inspections of engine exhaust sections	92.21	.29	.27	21.62	
J0329	Operate or monitor inflight refueling systems	88.31	.30	.27	21.89	
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	88.31	.30	.27	22.15	75
H0281	Perform preflight inspections of pressurization systems	91.34	.29	.27	22.42	
B0081	Perform thru-flight or postflight inspections of aircraft	77.92	.34	.27	22.68	
E0151	Perform operational checks on APU or GTC bleed-air systems	88.74	.30	.26	22.95	
E0155	Perform preflight inspections of APU or GTC electrical systems	91.34	.29	.26	23.21	
K0383	Perform preflight inspections of nosewheel steering systems	91.34	.29	.26	23.48	80
G0225	Perform preflight inspections of batteries or battery relays	95.67	.28	.26	23.74	
J0326	Operate or monitor fuel indicating systems, to include dip stick	87.88	.30	.26	24.00	
H0237	Analyze air-conditioning systems malfunctions	93.94	.28	.26	24.27	
H0280	Perform preflight inspections of oxygen systems	94.37	.28	.26	24.53	
K0378	Perform preflight inspections of LDG normal systems	90.91	.29	.26	24.80	85
H0271	Perform preflight inspections of anti-ice systems	93.07	.28	.26	25.06	
E0157	Perform preflight inspections of APU or GTC fire	92.21	.29	.26	25.32	

	extinguishing systems				
G0230	Perform preflight inspections of interior or exterior	93.07	.28	.26	25.58
	lighting systems				

Number of Members: 231

gp0011

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0238	Analyze anti-ice systems malfunctions	95.24	.27	.26	25.84	
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	88.74	.29	.26	26.10	90
H0260	Operate or monitor avionics or electronic cooling systems	87.01	.30	.26	26.36	
G0228	Perform preflight inspections of electrical power systems	91.77	.28	.26	26.62	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	94.37	.27	.26	26.88	
Q0527	Perform, practice, or simulate electrical system emergency procedures	94.37	.27	.26	27.14	
G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	91.77	.28	.26	27.40	95
Q0529	Perform, practice, or simulate emergency engine procedures	93.51	.27	.26	27.65	
I0299	Monitor secondary flight control systems operations, such as trim systems	89.18	.29	.26	27.91	
N0440	Analyze engine starter systems malfunctions	94.37	.27	.26	28.17	
C0108	Evaluate aircraft performance data	83.98	.31	.26	28.42	
J0335	Perform preflight inspections of air refueling systems	87.88	.29	.26	28.68	100
N0465	Perform preflight inspections of engine fire extinguishing systems	89.61	.29	.26	28.94	
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	93.94	.27	.26	29.19	
E0144	Monitor APU or GTC fire detection systems operations	91.77	.28	.25	29.45	
H0241	Analyze environmental bleed-air systems malfunctions	94.37	.27	.25	29.70	
N0461	Perform preflight inspections of engine air intakes	87.45	.29	.25	29.96	105
H0248	Analyze pressurization systems malfunctions	93.94	.27	.25	30.21	
N0457	Operate or monitor engine ignition systems	87.88	.29	.25	30.46	
I0295	Monitor automatic flight control systems or autopilot systems operations	88.31	.29	.25	30.72	
K0379	Perform preflight inspections of LDG position indicating systems	90.48	.28	.25	30.97	
K0361	Monitor LDG emergency systems operations	91.77	.28	.25	31.22	110
N0455	Operate or monitor engine fire suppression systems	88.31	.29	.25	31.48	
C0093	Compute aircraft performance data for nonstandard configurations	96.10	.26	.25	31.73	
N0432	Analyze engine bleed-air systems malfunctions	93.51	.27	.25	31.98	
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	90.91	.28	.25	32.23	
J0330	Operate or monitor single-point refueling systems	91.34	.27	.25	32.48	115
E0152	Perform operational checks on APU or GTC electrical systems	86.58	.29	.25	32.73	
T0282	Analyze primary flight control systems malfunctions	91.34	.27	.25	32.98	

Q0523	Perform, practice, or simulate APU or GTC fire procedures	92.64	.27	.25	33.23
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Number of Members: 231

gp0011

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	87.88	.28	.25	33.48	
N0449	Monitor engine thrust reversing systems operations	84.85	.29	.25	33.73	120
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	87.01	.29	.25	33.98	
E0153	Perform preflight inspections of APU starting systems	88.31	.28	.25	34.23	
N0438	Analyze engine ignition systems malfunctions	93.94	.26	.25	34.48	
H0243	Analyze environmental fire or overheat detection systems malfunctions	93.07	.27	.25	34.73	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	92.64	.27	.25	34.97	125
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	92.64	.27	.25	35.22	
K0364	Monitor nosewheel steering systems operations	88.31	.28	.25	35.47	
I0297	Monitor flight control position instrument systems operations	87.01	.28	.25	35.72	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	87.88	.28	.25	35.96	
J0321	Monitor fuel dump/jettison systems operations	93.94	.26	.25	36.21	130
N0437	Analyze engine fuel systems malfunctions	93.07	.27	.25	36.46	
Q0547	Recommend corrective actions for inflight emergency conditions	90.04	.27	.25	36.70	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	91.34	.27	.24	36.95	
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	92.64	.26	.24	37.19	
H0276	Perform preflight inspections of environmental fire or overheat detection systems	87.45	.28	.24	37.43	135
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	86.58	.28	.24	37.68	
Q0542	Perform, practice, or simulate smoke elimination procedures	92.21	.26	.24	37.92	
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	92.21	.26	.24	38.17	
A0045	Perform preflight inspections of liferaft release mechanisms	83.55	.29	.24	38.41	
Q0544	Perform, practice, or simulate wing fire procedures	91.77	.26	.24	38.65	140
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	90.91	.27	.24	38.89	
J0339	Perform preflight inspections of inflight refueling systems	87.01	.28	.24	39.14	
N0435	Analyze engine fire or overheat detection systems malfunctions	92.64	.26	.24	39.38	
K0374	Perform preflight inspections of LDG cylinders or snubbers	85.28	.28	.24	39.62	
K0375	Perform preflight inspections of LDG emergency systems	87.01	.28	.24	39.86	145

Q0532	Perform, practice, or simulate flight control system emergency procedures	90.91	.27	.24	40.11
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Number of Members: 231

gp0011

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	85.71	.28	.24	40.35	
Q0548	Report emergency conditions	89.61	.27	.24	40.59	
H0268	Operate or monitor ventilating systems	82.68	.29	.24	40.83	
A0043	Perform preflight inspections of crew relief areas	76.62	.31	.24	41.07	150
E0145	Monitor APU or GTC fuel systems operations	87.88	.27	.24	41.31	
K0351	Analyze LDG normal systems malfunctions	91.34	.26	.24	41.55	
J0322	Monitor fuel temperature conditions	83.55	.29	.24	41.79	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	91.34	.26	.24	42.03	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	86.58	.28	.24	42.26	155
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	90.04	.26	.24	42.50	
N0433	Analyze engine control systems malfunctions	90.91	.26	.24	42.74	
E0158	Perform preflight inspections of APU or GTC fuel systems	86.15	.28	.24	42.98	
H0261	Operate or monitor de-ice systems	83.12	.29	.24	43.22	
A0011	Fasten seats, seat belts, or shoulder harnesses	85.71	.28	.24	43.45	160
C0090	Complete range computations	87.01	.27	.24	43.69	
K0357	Monitor alternate gear extensions or retractions	90.48	.26	.24	43.93	
N0434	Analyze engine fire extinguishing systems malfunctions	90.91	.26	.24	44.17	
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	90.48	.26	.24	44.40	
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	91.34	.26	.24	44.64	165
H0254	Monitor environmental fire suppression systems operations	85.28	.28	.24	44.88	
G0222	Operate or monitor emergency power generator systems	89.18	.26	.24	45.11	
S0577	Review FCIFs	80.09	.29	.24	45.35	
G0231	Perform preflight inspections of pitot-static systems or temperature probes	86.58	.27	.24	45.58	
H0239	Analyze avionics or electronic cooling systems malfunctions	89.18	.26	.24	45.82	170
G0232	Perform preflight inspections of transformer rectifier systems	87.88	.27	.24	46.05	
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	95.67	.25	.24	46.29	
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	89.61	.26	.23	46.52	
Q0525	Perform, practice, or simulate cabin fire procedures	90.04	.26	.23	46.76	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	84.42	.28	.23	46.99	175
E0146	Monitor APU or GTC oil systems operations	86.58	.27	.23	47.22	
H0247	Analyze oxygen systems malfunctions	81.34	.25	.23	47.46	

M0414	Operate ATMs	71.86	.32	.23	47.69
H0242	Analyze environmental fire extinguishing systems malfunctions	88.74	.26	.23	47.92

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
E0139	Analyze APU or GTC electrical systems malfunctions	88.74	.26	.23	48.15	180
E0159	Perform preflight inspections of APU or GTC oil systems	85.28	.27	.23	48.38	
N0467	Perform preflight inspections of engine fire suppression bottles	82.68	.28	.23	48.61	
N0451	Monitor thrust reverser systems operations	81.39	.28	.23	48.84	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	74.89	.31	.23	49.07	
A0013	Fire small arms for qualification	96.10	.24	.23	49.30	185
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	87.45	.26	.23	49.53	
N0439	Analyze engine oil cooler systems malfunctions	90.04	.25	.23	49.76	
A0023	Operate galley equipment, such as ovens or coffee makers	75.32	.30	.23	49.99	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	84.85	.27	.23	50.21	
N0444	Monitor engine compressor sections operations	77.92	.29	.23	50.44	190
J0333	Perform fuel system cold weather operations	86.58	.26	.23	50.67	
J0310	Analyze fuel flow systems malfunctions	89.18	.25	.23	50.90	
H0240	Analyze de-ice systems malfunctions	87.45	.26	.23	51.12	
J0313	Analyze fuel transfer systems malfunctions	89.18	.25	.23	51.35	
C0089	Complete performance planning worksheets	74.46	.30	.23	51.58	195
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	86.15	.26	.23	51.80	
H0272	Perform preflight inspections of avionics or electronic cooling systems	85.28	.27	.23	52.03	
C0091	Compute air refueling data	83.98	.27	.23	52.26	
H0244	Analyze environmental fire suppression systems malfunctions	86.58	.26	.23	52.48	
A0052	Request aircrew transportation	88.31	.26	.23	52.71	200
E0140	Analyze APU or GTC fire detection systems malfunctions	87.88	.26	.23	52.93	
N0436	Analyze engine fire suppression systems malfunctions	87.45	.26	.22	53.16	
J0328	Operate or monitor fuel systems using nonstandard fuels	86.58	.26	.22	53.38	
K0360	Monitor brake temperatures	79.65	.28	.22	53.60	
B0068	Interpret wiring or system schematic diagrams	85.71	.26	.22	53.83	205
J0311	Analyze fuel indicating systems, to include dip stick	86.15	.26	.22	54.05	
K0352	Analyze LDG position indicating systems malfunctions	89.61	.25	.22	54.27	
A0016	Interpret marshalling signals	84.42	.26	.22	54.49	
A0038	Perform preflight inspections of aircraft for chocking	84.42	.26	.22	54.72	
F0195	Perform preflight inspections of FMSS	80.09	.28	.22	54.94	210
G0223	Perform operational checks on pitot heat systems	85.28	.26	.22	55.16	
D0129	Perform preflight inspections of cargo doors, ramps, or latches	79.65	.28	.22	55.38	
K0355	Analyze nosewheel steering systems malfunctions	88.74	.25	.22	55.60	
H0268	Operate or monitor windshield heat systems	78.65	.28	.22	55.82	

F0182	Operate or monitor communications systems, other than SATCOM, secure, or L-band communications systems	79.22	.28	.22	56.04	215
F0185	Operate or monitor L-band communications systems	77.49	.28	.22	56.26	

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
F0192	Perform preflight inspections of communications systems equipment, other than SATCOM, secure, or L-band communications systems equipment	79.22	.28	.22	56.48	
H0250	Analyze underfloor heating systems malfunctions	85.71	.26	.22	56.70	
Q0541	Perform, practice, or simulate rapid descent procedures	86.58	.25	.22	56.92	
K0349	Analyze LDG emergency systems malfunctions	86.15	.25	.22	57.13	220
H0277	Perform preflight inspections of environmental fire suppression bottles	80.52	.27	.22	57.35	
A0027	Participate in preflight or postflight intelligence briefings	84.42	.26	.22	57.57	
G0220	Operate or monitor electric air turbine motor (ATM) systems	73.16	.29	.22	57.78	
D0130	Perform preflight inspections of door or ramp warning systems	80.52	.27	.21	58.00	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	82.25	.26	.21	58.21	225
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	82.25	.26	.21	58.43	
Q0546	Recommend corrective actions for ground emergency conditions	84.85	.25	.21	58.64	
A0030	Perform aircrew chemical warfare procedures	90.04	.24	.21	58.85	
J0323	Monitor nonstandard fuel systems configurations	83.12	.26	.21	59.06	
N0441	Analyze engine thrust or torque indicating systems malfunctions	83.55	.25	.21	59.28	230
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	82.25	.26	.21	59.49	
H0283	Perform preflight inspections of underfloor heating systems	78.35	.27	.21	59.70	
F0199	Perform preflight inspections of L-band communications systems equipment	75.76	.28	.21	59.91	
H0252	Analyze windshield heat systems malfunctions	87.88	.24	.21	60.12	
Q0543	Perform, practice, or simulate thrust reverser failure procedures	80.09	.26	.21	60.33	235
G0229	Perform preflight inspections of emergency electrical power generators	80.09	.26	.21	60.54	
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	83.98	.25	.21	60.75	
E0142	Analyze APU or GTC fuel systems malfunctions	84.85	.25	.21	60.96	
H0273	Perform preflight inspections of de-ice systems	78.79	.27	.21	61.17	
J0309	Analyze fuel dump/jettison systems malfunctions	84.42	.25	.21	61.38	240
J0314	Analyze inflight refueling systems malfunctions	82.68	.25	.21	61.59	
J0308	Analyze air refueling systems malfunctions	81.82	.26	.21	61.80	
Q0524	Perform, practice, or simulate bailout or ditching procedures	83.55	.25	.21	62.01	
M0421	Perform preflight inspections of pneumatic systems	75.76	.28	.21	62.22	

	or accumulators to include emergency systems					
A0029	Perform aircrew arming procedures	90.91	.23	.21	62.43	245
B0063	Ground aircraft	87.45	.24	.21	62.63	

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	80.95	.26	.21	62.84	
J0332	Perform fuel system hot weather operations	80.95	.26	.21	63.05	
M0419	Perform preflight inspections of ATMs	71.43	.29	.21	63.26	
F0193	Perform preflight inspections of CVRs	74.46	.28	.21	63.46	250
C0110	Interpret terminal procedures (TERPs)	79.65	.26	.21	63.67	
E0143	Analyze APU or GTC oil systems malfunctions	83.98	.24	.20	63.87	
Q0521	Perform, practice, or simulate air refueling system emergency procedures	78.79	.26	.20	64.08	
H0251	Analyze ventilating systems malfunctions	82.68	.25	.20	64.28	
N0443	Analyze thrust reverser systems malfunctions	79.22	.26	.20	64.49	255
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	82.25	.25	.20	64.69	
F0189	Operate or monitor SATCOM or secure communications systems	74.46	.27	.20	64.89	
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	79.22	.25	.20	65.10	
M0416	Operate or monitor pneudraulic systems to include emergency systems	71.86	.28	.20	65.30	
K0366	Operate LDG emergency systems extensions	80.52	.25	.20	65.50	260
H0255	Operate environmental fire extinguishing systems	82.25	.24	.20	65.70	
F0197	Perform preflight inspections of GPSS	76.62	.26	.20	65.89	
N0468	Perform preflight inspections of thrust reverser systems	74.46	.26	.20	66.09	
A0014	Inspect ramp areas for foreign object damage (FOD)	77.92	.25	.20	66.29	
L0388	Monitor MADAR systems operations	60.61	.32	.20	66.48	265
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	76.19	.26	.20	66.68	
F0208	Program, operate, or update FMSS	73.16	.27	.20	66.88	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	76.62	.25	.19	67.07	
H0264	Operate or monitor hydraulic cooling systems	72.29	.27	.19	67.27	
M0426	Recommend or perform corrective actions after analyses of pneudraulic or hydraulic systems malfunctions	76.19	.25	.19	67.46	270
J0331	Operate or monitor wing pressurization systems	70.13	.28	.19	67.65	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	77.92	.25	.19	67.85	
J0315	Analyze single-point refueling systems malfunctions	80.09	.24	.19	68.04	
H0284	Perform preflight inspections of ventilating systems	74.46	.26	.19	68.23	
J0340	Perform preflight inspections of single-point refueling systems	73.59	.26	.19	68.42	275
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	76.19	.25	.19	68.61	
D0119	Monitor door or ramp warning systems operations	78.79	.24	.19	68.80	
F0184	Perform preflight inspections of emergency locator	71.00	.27	.19	68.99	

	systems, such as ELTs or CPIS				
Q0528	Perform, practice, or simulate emergency driftdown procedures	75.76	.25	.19	69.18

Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
D0114	Analyze door or ramp warning systems malfunctions	79.65	.24	.19	69.37	280
J0337	Perform preflight inspections of fuel dump/jettison systems	71.43	.26	.19	69.56	
B0062	Evaluate proposed maintenance repairs or minor modifications	69.70	.27	.19	69.74	
J0341	Perform preflight inspections of wing pressurization systems	66.23	.28	.18	69.93	
F0210	Program, operate, or update GPSs	71.43	.26	.18	70.11	
H0285	Perform preflight inspections of windshield heat systems	73.59	.25	.18	70.29	285
H0246	Analyze hydraulic cooling systems malfunctions	72.73	.25	.18	70.48	
A0005	Chock aircraft tires	61.90	.29	.18	70.66	
A0055	Secure equipment for descent or landing	71.43	.26	.18	70.84	
N0471	Record entries on engine conditioning monitoring logs	66.67	.27	.18	71.02	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	76.19	.24	.18	71.21	290
M0417	Operate or monitor PTUs	61.04	.30	.18	71.39	
F0200	Perform preflight inspections of navigation equipment, other than radar equipment	71.43	.25	.18	71.57	
K0354	Analyze LDG wheel assembly malfunctions	74.46	.24	.18	71.75	
F0196	Perform preflight inspections of FSASS	64.94	.28	.18	71.92	
D0113	Analyze cargo door or ramp systems malfunctions	77.06	.23	.18	72.10	295
M0408	Analyze ATM malfunctions	68.40	.26	.18	72.28	
M0422	Perform preflight inspections of PTUs	61.47	.29	.18	72.46	
C0102	Compute minimum landing fuel BINGO requirements	68.40	.26	.18	72.63	
K0365	Operate alternate gear systems	71.43	.25	.18	72.81	
F0166	Analyze communications systems malfunctions, other than satellite communications (SATCOM), secure, or L-band communications systems	74.89	.23	.17	72.98	300
G0217	Analyze special system buses malfunctions	68.40	.25	.17	73.15	
M0428	Service hydraulic systems	76.19	.23	.17	73.33	
F0168	Analyze flight management systems (FMS) malfunctions	72.29	.24	.17	73.50	
F0186	Operate or monitor navigation equipment, other than radar equipment	68.83	.25	.17	73.67	
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	70.13	.25	.17	73.85	305
L0402	Perform preflight inspections of MADAR systems	58.87	.29	.17	74.02	
K0373	Perform preflight inspections of LDG castering systems	61.90	.28	.17	74.19	
A0034	Perform high-altitude procedures in altitude chambers	79.65	.21	.17	74.36	
Q0545	Perform, practice, or simulate movement of crewmembers or passengers during emergency procedures	70.13	.24	.17	74.53	
M0410	Analyze pneudraulic systems malfunctions	69.70	.24	.17	74.70	310
F0211	Recommend or perform corrective actions after analyses of communications or navigation systems malfunctions	66.67	.25	.17	74.87	
K0369	Operate or monitor LDG kneeling systems	59.31	.28	.17	75.04	
L0396	Perform MADAR landing gear systems analyses	60.61	.27	.17	75.20	
A0015	Interpret aircraft markings or stencils	50.65	.22	.17	75.27	

F0202	Perform preflight inspections of SATCOM or secure communications systems equipment	66.23	.25	.17	75.53	315
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Number of Members: 231

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	69.26	.24	.17	75.70	
F0174	Analyze navigation systems malfunctions, other than radar systems	70.13	.24	.17	75.87	
G0224	Perform preflight inspections of electrical converter systems	64.50	.25	.16	76.03	
J0327	Operate or monitor fuel inerting systems	61.04	.27	.16	76.19	
C0099	Compute orbit data	64.50	.25	.16	76.36	320
N0450	Monitor engine vibration indicators, other than MADAR systems engine vibration analyses	60.17	.27	.16	76.52	
F0175	Analyze radar systems malfunctions	70.56	.23	.16	76.68	
J0316	Analyze wing pressurization systems malfunctions	67.53	.24	.16	76.84	
G0226	Perform preflight inspections of electric ATM systems	64.07	.25	.16	77.00	
F0169	Analyze flight recorder systems malfunctions	68.83	.23	.16	77.16	325
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	66.23	.24	.16	77.32	
F0187	Operate or monitor radar systems	65.80	.24	.16	77.48	
F0167	Analyze emergency locator systems malfunctions, such as emergency locator transmitters (ELTs) or crash position indicators (CPIs)	67.97	.23	.16	77.64	
L0395	Perform MADAR hydraulic systems analyses	60.17	.26	.16	77.80	
L0387	Analyze malfunction analysis detection and recording (MADAR) systems malfunctions	56.28	.28	.16	77.96	330
L0392	Perform MADAR environmental systems analyses	59.31	.27	.16	78.12	
L0391	Perform MADAR systems engine vibration analyses	60.61	.26	.16	78.28	
A0037	Perform in-flight inspections of cargo	62.77	.25	.16	78.43	
L0399	Perform MADAR propulsion power plant systems analyses	59.31	.26	.16	78.59	
L0397	Perform MADAR mechanical systems analyses	60.17	.26	.16	78.75	335
K0348	Analyze LDG castering systems malfunctions	62.77	.25	.16	78.90	
K0377	Perform preflight inspections of LDG kneeling systems	59.31	.26	.16	79.06	
F0209	Program, operate, or update FSASS	60.61	.26	.16	79.21	
F0173	Analyze L-band communications systems malfunctions	64.50	.24	.15	79.37	
J0344	Service fuel systems	60.17	.26	.15	79.52	340
M0411	Analyze power transfer unit (PTU) malfunctions	61.04	.25	.15	79.68	
A0032	Perform fireguard duties	70.56	.22	.15	79.83	
F0171	Analyze global positioning systems (GPS) malfunctions	67.97	.22	.15	79.98	

Number of Members: 42

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Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.77	11.79
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.64	22.45
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	9.11	31.57
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	8.45	40.04
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	8.39	48.44
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	7.80	56.25
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	6.61	62.87
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.34	69.22
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	4.52	73.74
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.48	78.23
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	4.24	82.48
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	4.10	86.58
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	3.41	90.00
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	2.70	92.70
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	2.45	95.16
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.03	96.19
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	.90	97.09
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	.84	97.93
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	.76	98.69
U	PERFORMING TRAINING ACTIVITIES	24	.52	99.21
R	PERFORMING EVALUATION ACTIVITIES	11	.42	99.63
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.37	100.00

Number of Members: 42

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Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0258	Operate or monitor air-conditioning systems	100.00	.33	.33	.33	
F0184	Operate or monitor interphone systems	97.62	.33	.33	.66	
H0266	Operate or monitor pressurization systems	100.00	.33	.33	.98	
I0303	Perform preflight inspections of primary flight control systems	100.00	.32	.32	1.30	
J0325	Operate or monitor fuel flow or transfer systems	100.00	.32	.32	1.63	5
F0188	Operate or monitor radios	95.24	.34	.32	1.95	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	100.00	.32	.32	2.27	
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	97.62	.33	.32	2.59	
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	95.24	.33	.31	2.90	
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97.62	.32	.31	3.22	10
J0320	Monitor fuel consumption	97.62	.32	.31	3.53	
A0042	Perform preflight inspections of cockpit or cabin compartments	95.24	.33	.31	3.84	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.62	.32	.31	4.16	
K0372	Perform preflight inspections of LDG brake or antiskid systems	100.00	.31	.31	4.46	
A0031	Perform aircrew scanning duties	97.62	.32	.31	4.77	15
K0358	Monitor brake antiskid systems operations	100.00	.31	.31	5.08	
N0447	Monitor engine instrument systems operations	95.24	.32	.30	5.38	
A0024	Participate in crew operations debriefings	95.24	.31	.30	5.68	
H0262	Operate or monitor environmental bleed-air systems	97.62	.31	.30	5.98	
A0026	Participate in pre-mission briefings	95.24	.31	.30	6.28	20
B0060	Coordinate maintenance requirements with crew chiefs	97.62	.31	.30	6.58	
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	97.62	.31	.30	6.87	

A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	95.24	.31	.30	7.17
N0453	Operate or monitor bleed-air systems	95.24	.31	.30	7.47

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	97.62	.30	.30	7.76	25
A0039	Perform preflight inspections of aircraft for fluid leakage	95.24	.31	.30	8.06	
E0149	Operate or monitor APU or GTC electrical systems	97.62	.30	.30	8.35	
B0078	Perform inflight inspections of aircraft	92.86	.32	.29	8.65	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	92.86	.32	.29	8.94	
C0096	Compute climb, cruise, or descent data	97.62	.30	.29	9.24	30
H0280	Perform preflight inspections of oxygen systems	100.00	.29	.29	9.53	
E0148	Operate or monitor APU or GTC bleed-air systems	95.24	.30	.29	9.82	
N0456	Operate or monitor engine fuel systems	95.24	.30	.29	10.11	
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	92.86	.31	.29	10.40	
J0317	Complete fuel logs	97.62	.30	.29	10.69	35
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	95.24	.30	.29	10.98	
C0092	Compute aircraft emergency performance data	95.24	.30	.29	11.27	
H0253	Monitor environmental fire or overheat detection systems operations	97.62	.30	.29	11.55	
A0019	Open or close crew entrance doors	97.62	.29	.29	11.84	
A0025	Participate in maintenance debriefings	92.86	.31	.29	12.13	40
N0460	Perform preflight inspections of bleed-air systems	95.24	.30	.29	12.41	
E0150	Operate or monitor APU or GTC fire extinguishing systems	97.62	.29	.29	12.70	
H0270	Perform preflight inspections of air-conditioning systems	97.62	.29	.29	12.99	
I0297	Monitor flight control position instrument systems operations	95.24	.30	.29	13.27	
K0359	Monitor brake pressures	92.86	.31	.29	13.56	45
N0446	Monitor engine fire or overheat detection systems operations	95.24	.30	.28	13.84	
K0363	Monitor LDG system normal extensions or retractions	95.24	.30	.28	14.12	
H0259	Operate or monitor anti-ice systems	97.62	.29	.28	14.41	
E0155	Perform preflight inspections of APU or GTC electrical systems	95.24	.30	.28	14.69	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	92.86	.30	.28	14.97	50
A0044	Perform preflight inspections of emergency exit systems	95.24	.30	.28	15.25	
E0156	Perform preflight inspections of APU or GTC fire detection systems	95.24	.29	.28	15.53	
C0108	Evaluate aircraft performance data	88.10	.32	.28	15.81	
C0101	Compute time, distance, or fuel using performance data	95.24	.29	.29	16.09	

	formulas, charts, or graphs					
K0381	Perform preflight inspections of LDG tires	95.24	.29	.28	16.37	55
H0248	Analyze pressurization systems malfunctions	100.00	.28	.28	16.65	

Number of Members: 42

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0375	Perform preflight inspections of LDG doors	95.24	.29	.28	16.93	
H0274	Perform preflight inspections of environmental bleed-air systems	95.24	.29	.28	17.21	
E0154	Perform preflight inspections of APU or GTC bleed-air systems	95.24	.29	.28	17.49	
H0243	Analyze environmental fire or overheat detection systems malfunctions	100.00	.28	.28	17.77	60
K0378	Perform preflight inspections of LDG normal systems	95.24	.29	.28	18.05	
I0295	Monitor automatic flight control systems or autopilot systems operations	95.24	.29	.28	18.32	
G0228	Perform preflight inspections of electrical power systems	95.24	.29	.28	18.60	
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	100.00	.28	.28	18.88	
E0144	Monitor APU or GTC fire detection systems operations	97.62	.28	.28	19.16	65
K0382	Perform preflight inspections of LDG wheel assemblies	95.24	.29	.28	19.43	
K0355	Analyze nosewheel steering systems malfunctions	100.00	.28	.28	19.71	
H0238	Analyze anti-ice systems malfunctions	100.00	.28	.28	19.99	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	97.62	.28	.28	20.26	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	95.24	.29	.28	20.54	70
G0218	Monitor transformer rectifier (TR) systems operations	95.24	.29	.28	20.81	
E0147	Operate or monitor APU starting systems	95.24	.29	.28	21.09	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	92.86	.30	.27	21.36	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	95.24	.29	.27	21.64	
J0329	Operate or monitor inflight refueling systems	92.86	.30	.27	21.91	75
I0298	Monitor primary flight control systems operations	95.24	.29	.27	22.19	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	95.24	.29	.27	22.46	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	95.24	.29	.27	22.73	
J0324	Operate or monitor air refueling systems	90.48	.30	.27	23.00	
H0265	Operate or monitor oxygen systems	95.24	.28	.27	23.28	80
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	100.00	.27	.27	23.55	
K0383	Perform preflight inspections of nosewheel steering systems	95.24	.28	.27	23.82	
G0230	Perform preflight inspections of interior or exterior lighting systems	95.24	.28	.27	24.09	
N0466	Perform preflight inspections of engine fire or overheat detection systems	95.24	.28	.27	24.36	
E0157	Perform preflight inspections of APU or GTC fire	92.86	.28	.27	24.63	85

	extinguishing systems				
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	90.48	.30	.27	24.90

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
I0299	Monitor secondary flight control systems operations, such as trim systems	95.24	.28	.27	25.17	
H0242	Analyze environmental fire extinguishing systems malfunctions	97.62	.28	.27	25.44	
E0140	Analyze APU or GTC fire detection systems malfunctions	97.62	.28	.27	25.71	
H0267	Operate or monitor underfloor heating systems	92.86	.29	.27	25.98	90
G0225	Perform preflight inspections of batteries or battery relays	97.62	.28	.27	26.24	
I0293	Analyze primary flight control systems malfunctions	97.62	.28	.27	26.51	
H0237	Analyze air-conditioning systems malfunctions	97.62	.27	.27	26.78	
H0240	Analyze de-ice systems malfunctions	97.62	.27	.27	27.05	
G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	95.24	.28	.27	27.32	95
H0261	Operate or monitor de-ice systems	90.48	.30	.27	27.58	
N0463	Perform preflight inspections of engine cowlings	95.24	.28	.27	27.85	
J0330	Operate or monitor single-point refueling systems	95.24	.28	.27	28.12	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	95.24	.28	.27	28.38	
A0011	Fasten seats, seat belts, or shoulder harnesses	90.48	.29	.27	28.65	100
E0139	Analyze APU or GTC electrical systems malfunctions	97.62	.27	.27	28.91	
H0241	Analyze environmental bleed-air systems malfunctions	97.62	.27	.26	29.18	
N0464	Perform preflight inspections of engine exhaust sections	95.24	.28	.26	29.44	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	95.24	.28	.26	29.71	
J0310	Analyze fuel flow systems malfunctions	97.62	.27	.26	29.97	105
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	95.24	.28	.26	30.23	
H0244	Analyze environmental fire suppression systems malfunctions	95.24	.28	.26	30.50	
N0454	Operate or monitor engine fire extinguishing systems	95.24	.28	.26	30.76	
H0254	Monitor environmental fire suppression systems operations	90.48	.29	.26	31.02	
H0247	Analyze oxygen systems malfunctions	100.00	.26	.26	31.29	110
K0351	Analyze LDG normal systems malfunctions	95.24	.28	.26	31.55	
H0281	Perform preflight inspections of pressurization systems	88.10	.30	.26	31.81	
E0153	Perform preflight inspections of APU starting systems	92.86	.28	.26	32.07	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	85.71	.30	.26	32.33	
A0027	Participate in preflight or postflight intelligence briefings	90.48	.29	.26	32.59	115
J0335	Perform preflight inspections of air refueling systems	90.48	.29	.26	32.85	
N0455	Operate or monitor engine fire suppression systems	95.24	.27	.26	33.11	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	95.24	.27	.26	33.38	

J0339	Perform preflight inspections of inflight refueling systems	90.48	.29	.26	33.63
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Number of Members: 42

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	92.86	.28	.26	33.89	120
F0185	Operate or monitor L-band communications systems	83.33	.31	.26	34.15	
K0349	Analyze LDG emergency systems malfunctions	95.24	.27	.26	34.41	
A0045	Perform preflight inspections of liferaft release mechanisms	90.48	.29	.26	34.67	
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	85.71	.30	.26	34.93	
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	92.86	.28	.26	35.19	125
K0362	Monitor LDG position indicators	92.86	.28	.26	35.44	
E0145	Monitor APU or GTC fuel systems operations	90.48	.28	.26	35.70	
H0271	Perform preflight inspections of anti-ice systems	90.48	.28	.26	35.95	
H0250	Analyze underfloor heating systems malfunctions	95.24	.27	.26	36.21	
K0376	Perform preflight inspections of LDG emergency systems	92.86	.27	.26	36.47	130
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	95.24	.27	.25	36.72	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	88.10	.29	.25	36.97	
S0577	Review FCIFs	80.95	.31	.25	37.23	
Q0529	Perform, practice, or simulate emergency engine procedures	92.86	.27	.25	37.48	
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	88.10	.29	.25	37.73	135
G0222	Operate or monitor emergency power generator systems	92.86	.27	.25	37.99	
F0192	Perform preflight inspections of communications systems equipment, other than SATCOM, secure, or L-band communications systems equipment	83.33	.30	.25	38.24	
K0379	Perform preflight inspections of LDG position indicating systems	92.86	.27	.25	38.49	
C0093	Compute aircraft performance data for nonstandard configurations	92.86	.27	.25	38.74	
E0151	Perform operational checks on APU or GTC bleed-air systems	85.71	.29	.25	38.99	140
N0433	Analyze engine control systems malfunctions	95.24	.26	.25	39.24	
Q0527	Perform, practice, or simulate electrical system emergency procedures	95.24	.26	.25	39.49	
N0449	Monitor engine thrust reversing systems operations	83.33	.30	.25	39.74	
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	95.24	.26	.25	39.99	
H0276	Perform preflight inspections of environmental fire or overheat detection systems	88.10	.28	.25	40.24	145
G0232	Perform preflight inspections of transformer rectifier systems	90.48	.28	.25	40.49	
E0152	Perform operational checks on APU or GTC electrical systems	85.71	.29	.25	40.74	

Q0548	Report emergency conditions	95.24	.26	.25	40.99
J0326	Operate or monitor fuel indicating systems, to include dip stick	83.33	.30	.25	41.24

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				Avg Pct Time Spent by All Members		
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	90.48	.28	.25	41.49	150
H0268	Operate or monitor ventilating systems	88.10	.28	.25	41.74	
N0465	Perform preflight inspections of engine fire extinguishing systems	88.10	.28	.25	41.98	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	88.10	.28	.25	42.23	
E0159	Perform preflight inspections of APU or GTC oil systems	88.10	.28	.25	42.48	
N0432	Analyze engine bleed-air systems malfunctions	95.24	.26	.25	42.73	155
K0361	Monitor LDG emergency systems operations	92.86	.27	.25	42.97	
K0357	Monitor alternate gear extensions or retractions	95.24	.26	.25	43.22	
N0438	Analyze engine ignition systems malfunctions	95.24	.26	.25	43.47	
E0146	Monitor APU or GTC oil systems operations	88.10	.28	.25	43.71	
H0239	Analyze avionics or electronic cooling systems malfunctions	95.24	.26	.25	43.96	160
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	92.86	.26	.25	44.21	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	90.48	.27	.25	44.45	
N0440	Analyze engine starter systems malfunctions	95.24	.26	.25	44.70	
A0021	Operate emergency escape hatches	95.24	.26	.24	44.94	
N0434	Analyze engine fire extinguishing systems malfunctions	95.24	.26	.24	45.19	165
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	92.86	.26	.24	45.43	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	95.24	.26	.24	45.67	
N0437	Analyze engine fuel systems malfunctions	95.24	.25	.24	45.92	
E0158	Perform preflight inspections of APU or GTC fuel systems	85.71	.28	.24	46.16	
Q0523	Perform, practice, or simulate APU or GTC fire procedures	95.24	.25	.24	46.40	170
K0352	Analyze LDG position indicating systems malfunctions	95.24	.25	.24	46.64	
N0435	Analyze engine fire or overheat detection systems malfunctions	95.24	.25	.24	46.88	
K0364	Monitor nosewheel steering systems operations	88.10	.27	.24	47.13	
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	92.86	.26	.24	47.37	
Q0544	Perform, practice, or simulate wing fire procedures	92.86	.26	.24	47.61	175
Q0547	Recommend corrective actions for inflight emergency conditions	90.48	.27	.24	47.85	
H0272	Perform preflight inspections of avionics or electronic cooling systems	90.48	.26	.24	48.09	
K0374	Perform preflight inspections of LDG cylinders or snubbers	88.10	.27	.24	48.33	
K0366	Operate LDG emergency systems extensions	90.48	.26	.24	48.57	

H0260	Operate or monitor avionics or electronic cooling systems	90.48	.26	.24	48.80	180
N0439	Analyze engine oil cooler systems malfunctions	95.24	.25	.24	49.04	

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				Avg Pct Time Spent by All Members		
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	92.86	.26	.24	49.28	
E0142	Analyze APU or GTC fuel systems malfunctions	90.48	.26	.24	49.52	
J0314	Analyze inflight refueling systems malfunctions	90.48	.26	.24	49.76	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	88.10	.27	.24	49.99	185
N0448	Monitor engine thrust or torque indicating systems operations	76.19	.31	.24	50.23	
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	90.48	.26	.24	50.47	
J0313	Analyze fuel transfer systems malfunctions	95.24	.25	.24	50.70	
A0013	Fire small arms for qualification	100.00	.24	.24	50.94	
Q0542	Perform, practice, or simulate smoke elimination procedures	90.48	.26	.24	51.17	190
C0090	Complete range computations	85.71	.27	.24	51.41	
J0321	Monitor fuel dump/jettison systems operations	88.10	.27	.23	51.64	
A0016	Interpret marshalling signals	90.48	.26	.23	51.88	
H0252	Analyze windshield heat systems malfunctions	95.24	.25	.23	52.11	
J0311	Analyze fuel indicating systems, to include dip stick	88.10	.27	.23	52.34	195
Q0532	Perform, practice, or simulate flight control system emergency procedures	90.48	.26	.23	52.58	
H0277	Perform preflight inspections of environmental fire suppression bottles	83.33	.28	.23	52.81	
K0360	Monitor brake temperatures	80.95	.29	.23	53.04	
J0308	Analyze air refueling systems malfunctions	88.10	.26	.23	53.27	
C0089	Complete performance planning worksheets	78.57	.30	.23	53.51	200
G0223	Perform operational checks on pitot heat systems	83.33	.28	.23	53.74	
N0436	Analyze engine fire suppression systems malfunctions	92.86	.25	.23	53.97	
N0467	Perform preflight inspections of engine fire suppression bottles	83.33	.28	.23	54.20	
J0322	Monitor fuel temperature conditions	78.57	.29	.23	54.43	
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	88.10	.26	.23	54.66	205
F0193	Perform preflight inspections of CVRs	83.33	.27	.23	54.89	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	90.48	.25	.23	55.12	
A0043	Perform preflight inspections of crew relief areas	76.19	.30	.23	55.34	
Q0524	Perform, practice, or simulate bailout or ditching procedures	90.48	.25	.23	55.57	
G0231	Perform preflight inspections of pitot-static systems or temperature probes	83.33	.27	.23	55.80	210
N0457	Operate or monitor engine ignition systems	85.71	.26	.23	56.02	
F0182	Operate or monitor communications systems, other than SATCOM, secure, or L-band communications systems	78.57	.29	.23	56.25	
Q0525	Perform, practice, or simulate cabin fire procedures	90.48	.25	.23	56.48	
F0188	Perform preflight inspections of L-band communications	76.19	.30	.23	56.70	

	systems equipment					
H0273	Perform preflight inspections of de-ice systems	80.95	.28	.23	56.93	215
H0251	Analyze ventilating systems malfunctions	90.48	.25	.22	57.15	

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				Avg Pct Time Spent by All Members		
A0029	Perform aircrew arming procedures	97.62	.23	.22	57.38	
A0030	Perform aircrew chemical warfare procedures	97.62	.23	.22	57.60	
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	85.71	.26	.22	57.83	
A0052	Request aircrew transportation	88.10	.25	.22	58.05	220
C0091	Compute air refueling data	80.95	.28	.22	58.27	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	83.33	.27	.22	58.50	
E0143	Analyze APU or GTC oil systems malfunctions	88.10	.25	.22	58.72	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	83.33	.27	.22	58.94	
J0315	Analyze single-point refueling systems malfunctions	83.33	.27	.22	59.16	225
H0269	Operate or monitor windshield heat systems	80.95	.27	.22	59.38	
B0081	Perform thru-flight or postflight inspections of aircraft	69.05	.32	.22	59.60	
J0333	Perform fuel system cold weather operations	80.95	.27	.22	59.82	
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	73.81	.29	.22	60.04	
Q0546	Recommend corrective actions for ground emergency conditions	85.71	.25	.22	60.25	230
N0451	Monitor thrust reverser systems operations	78.57	.27	.22	60.47	
J0323	Monitor nonstandard fuel systems configurations	80.95	.27	.22	60.69	
D0114	Analyze door or ramp warning systems malfunctions	85.71	.25	.22	60.90	
F0195	Perform preflight inspections of FMSs	76.19	.28	.22	61.12	
Q0543	Perform, practice, or simulate thrust reverser failure procedures	83.33	.26	.21	61.33	235
D0129	Perform preflight inspections of cargo doors, ramps, or latches	78.57	.27	.21	61.55	
H0246	Analyze hydraulic cooling systems malfunctions	78.57	.27	.21	61.76	
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	85.71	.25	.21	61.97	
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	80.95	.26	.21	62.18	
B0068	Interpret wiring or system schematic diagrams	83.33	.25	.21	62.40	240
D0130	Perform preflight inspections of door or ramp warning systems	80.95	.26	.21	62.61	
A0014	Inspect ramp areas for foreign object damage (FOD)	76.19	.28	.21	62.82	
G0229	Perform preflight inspections of emergency electrical power generators	80.95	.26	.21	63.03	
H0255	Operate environmental fire extinguishing systems	88.10	.24	.21	63.24	
B0063	Ground aircraft	83.33	.25	.21	63.45	245
N0461	Perform preflight inspections of engine air intakes	78.57	.27	.21	63.66	
J0331	Operate or monitor wing pressurization systems	69.05	.30	.21	63.87	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	83.33	.25	.21	64.08	
F0188	Operate or monitor SATCOM or secure communications	71.43	.28	.21	64.28	

M0416	systems Operate or monitor pneudraulic systems to include emergency systems	73.81	.28	.21	64.49	250
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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
B0062	Evaluate proposed maintenance repairs or minor modifications	71.43	.29	.21	64.70	
M0414	Operate ATMs	66.67	.31	.21	64.91	
F0166	Analyze communications systems malfunctions, other than satellite communications (SATCOM), secure, or L-band communications systems	88.10	.23	.21	65.11	
J0309	Analyze fuel dump/jettison systems malfunctions	80.95	.26	.21	65.32	
D0119	Monitor door or ramp warning systems operations	80.95	.26	.21	65.53	255
G0217	Analyze special system buses malfunctions	76.19	.27	.20	65.73	
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	83.33	.24	.20	65.93	
Q0521	Perform, practice, or simulate air refueling system emergency procedures	80.95	.25	.20	66.14	
F0208	Program, operate, or update FMSs	73.81	.27	.20	66.34	
M0419	Perform preflight inspections of ATMs	69.05	.29	.20	66.54	260
H0264	Operate or monitor hydraulic cooling systems	71.43	.28	.20	66.74	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	71.43	.28	.20	66.94	
K0354	Analyze LDG wheel assembly malfunctions	78.57	.26	.20	67.14	
F0194	Perform preflight inspections of emergency locator systems, such as ELTs or CPIs	69.05	.29	.20	67.34	
A0038	Perform preflight inspections of aircraft for chocking	78.57	.25	.20	67.54	265
N0441	Analyze engine thrust or torque indicating systems malfunctions	80.95	.25	.20	67.74	
F0197	Perform preflight inspections of GPSSs	76.19	.26	.20	67.94	
F0196	Perform preflight inspections of FSASSs	64.29	.31	.20	68.14	
D0113	Analyze cargo door or ramp systems malfunctions	80.95	.24	.20	68.34	
H0284	Perform preflight inspections of ventilating systems	76.19	.26	.20	68.53	270
J0328	Operate or monitor fuel systems using nonstandard fuels	78.57	.25	.20	68.73	
G0220	Operate or monitor electric air turbine motor (ATM) systems	69.05	.28	.20	68.93	
J0340	Perform preflight inspections of single-point refueling systems	71.43	.27	.20	69.12	
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	73.81	.27	.20	69.32	
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	78.57	.25	.20	69.52	275
F0165	Analyze cockpit voice recorder (CVR) malfunctions	80.95	.24	.20	69.71	
C0110	Interpret terminal procedures (TERPs)	76.19	.26	.20	69.91	
N0443	Analyze thrust reverser systems malfunctions	78.57	.25	.19	70.10	
J0319	Inspect fuel tank level and cap security	69.05	.28	.19	70.30	
G0224	Perform preflight inspections of electrical converter systems	69.05	.28	.19	70.49	280
N0470	Recommend or perform corrective actions after analyses	78.57	.25	.19	70.68	

	of power plant systems malfunctions				
H0283	Perform preflight inspections of underfloor heating systems	73.81	.26	.19	70.87

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				Avg Pct Time Spent by All Members		
F0168	Analyze flight management systems (FMS) malfunctions	78.57	.25	.19	71.07	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	78.57	.24	.19	71.26	
Q0541	Perform, practice, or simulate rapid descent procedures	80.95	.24	.19	71.45	285
J0337	Perform preflight inspections of fuel dump/jettison systems	71.43	.27	.19	71.64	
M0426	Recommend or perform corrective actions after analyses of pneudraulic or hydraulic systems malfunctions	76.19	.25	.19	71.83	
F0211	Recommend or perform corrective actions after analyses of communications or navigation systems malfunctions	73.81	.25	.19	72.02	
B0066	Inspect powered AGE for operating condition or serviceability	78.57	.23	.18	72.20	
J0332	Perform fuel system hot weather operations	73.81	.25	.18	72.38	290
G0219	Operate special system buses	66.67	.27	.18	72.57	
J0344	Service fuel systems	66.67	.27	.18	72.74	
H0285	Perform preflight inspections of windshield heat systems	71.43	.25	.18	72.92	
N0444	Monitor engine compressor sections operations	66.67	.27	.18	73.10	
F0200	Perform preflight inspections of navigation equipment, other than radar equipment	71.43	.25	.18	73.28	295
N0471	Record entries on engine conditioning monitoring logs	64.29	.27	.18	73.46	
A0023	Operate galley equipment, such as ovens or coffee makers	73.81	.24	.18	73.63	
M0410	Analyze pneudraulic systems malfunctions	69.05	.25	.18	73.81	
M0428	Service hydraulic systems	73.81	.24	.17	73.98	
A0034	Perform high-altitude procedures in altitude chambers	83.33	.21	.17	74.15	300
G0226	Perform preflight inspections of electric ATM systems	66.67	.26	.17	74.33	
C0102	Compute minimum landing fuel BINGO requirements	61.90	.28	.17	74.50	
F0186	Operate or monitor navigation equipment, other than radar equipment	66.67	.26	.17	74.67	
F0167	Analyze emergency locator systems malfunctions, such as emergency locator transmitters (ELTs) or crash position indicators (CPIs)	73.81	.23	.17	74.85	
F0210	Program, operate, or update GPSs	66.67	.26	.17	75.02	305
A0055	Secure equipment for descent or landing	69.05	.25	.17	75.19	
B0065	Inspect nonpowered AGE for operating condition or serviceability	71.43	.24	.17	75.36	
M0417	Operate or monitor PTUs	57.14	.30	.17	75.53	
H0249	Analyze rain removal systems malfunctions	64.29	.26	.17	75.70	
Q0528	Perform, practice, or simulate emergency driftdown procedures	69.05	.24	.17	75.86	310
F0173	Analyze L-band communications systems malfunctions	66.67	.25	.17	76.03	
B0074	Participate in aircraft towing or parking operations	69.05	.24	.17	76.20	
M0408	Analyze ATM malfunctions	64.29	.26	.17	76.36	
B0088	Select maintenance priority codes for AETC Forms	58.52	.28	.17	76.52	

K0365	781-series Operate alternate gear systems	69.05	.24	.17	76.69	315
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Number of Members: 42

gp0012

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0094	Compute aircraft weight and balance data using charts, load adjusters, calculators, or computers	61.90	.27	.17	76.86	
N0468	Perform preflight inspections of thrust reverser systems	69.05	.24	.16	77.02	
B0084	Remove or install airframe, engine covers, or pitot covers	66.67	.25	.16	77.19	
C0099	Compute orbit data	61.90	.26	.16	77.35	
J0336	Perform preflight inspections of external fuel tanks	59.52	.27	.16	77.51	320
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	66.67	.24	.16	77.67	
B0069	Inventory tool kits	69.05	.23	.16	77.83	
A0032	Perform fireguard duties	71.43	.22	.16	78.00	
M0422	Perform preflight inspections of PTUs	57.14	.28	.16	78.16	
J0316	Analyze wing pressurization systems malfunctions	66.67	.24	.16	78.32	325
Q0545	Perform, practice, or simulate movement of crewmembers or passengers during emergency procedures	69.05	.23	.16	78.47	
A0008	Coordinate life support, fleet service, or security requirements with supporting agencies	64.29	.25	.16	78.63	
A0037	Perform in-flight inspections of cargo	61.90	.25	.16	78.79	
K0346	Analyze alternate gear systems malfunctions	61.90	.25	.15	78.94	
K0348	Analyze LDG castering systems malfunctions	61.90	.25	.15	79.10	330
A0015	Interpret aircraft markings or stencils	61.90	.25	.15	79.25	
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	59.52	.26	.15	79.40	
K0377	Perform preflight inspections of LDG kneeling systems	57.14	.27	.15	79.56	
F0209	Program, operate, or update FSASS	57.14	.27	.15	79.71	
F0187	Operate or monitor radar systems	61.90	.25	.15	79.86	335

Number of Members: 189

gp0013

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.00	11.02
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.85	21.89
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	9.61	31.51
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	8.01	39.53
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	7.95	47.50
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	7.71	55.22
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.46	61.68
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	6.17	67.86
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.50	72.37
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	4.30	76.68
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	3.85	80.53
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	3.78	84.31
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	3.56	87.88
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	3.11	90.99
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	2.60	93.59
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.75	95.35
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.18	96.53
U	PERFORMING TRAINING ACTIVITIES	24	1.17	97.70
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	.74	98.44
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	.71	99.16
R	PERFORMING EVALUATION ACTIVITIES	11	.50	99.65
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.34	100.00

Number of Members: 189

gp0013

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
A0031	Perform aircrew scanning duties	94.71	.44	.42	.42	
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	98.41	.38	.37	.79	
A0024	Participate in crew operations debriefings	95.24	.38	.36	1.15	
C0092	Compute aircraft emergency performance data	97.35	.37	.36	1.52	
A0042	Perform preflight inspections of cockpit or cabin compartments	98.41	.36	.36	1.87	5
J0320	Monitor fuel consumption	94.71	.38	.36	2.23	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.35	.35	.34	2.57	
A0039	Perform preflight inspections of aircraft for fluid leakage	95.77	.35	.33	2.90	
N0447	Monitor engine instrument systems operations	95.77	.35	.33	3.23	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	97.35	.34	.33	3.56	10
B0060	Coordinate maintenance requirements with crew chiefs	96.83	.34	.33	3.89	
N0453	Operate or monitor bleed-air systems	96.83	.34	.33	4.21	
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	96.83	.33	.32	4.54	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	95.24	.34	.32	4.86	
A0025	Participate in maintenance debriefings	98.41	.33	.32	5.18	15
N0456	Operate or monitor engine fuel systems	94.18	.34	.32	5.50	
H0266	Operate or monitor pressurization systems	96.30	.32	.31	5.81	
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	92.59	.33	.31	6.12	
H0262	Operate or monitor environmental bleed-air systems	93.65	.33	.31	6.42	
I0303	Perform preflight inspections of primary flight control systems	96.83	.32	.31	6.73	20
H0258	Operate or monitor air-conditioning systems	94.71	.32	.31	7.04	
A0026	Participate in pre-mission briefings	94.71	.32	.30	7.34	

F0188	Operate or monitor radios	92.59	.33	.30	7.65
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	96.30	.31	.30	7.95

Number of Members: 189

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Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0096	Compute climb, cruise, or descent data	97.88	.31	.30	8.25	25
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	88.36	.34	.30	8.55	
N0460	Perform preflight inspections of bleed-air systems	94.71	.32	.30	8.85	
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	96.30	.31	.30	9.15	
F0184	Operate or monitor interphone systems	91.53	.33	.30	9.45	
N0446	Monitor engine fire or overheat detection systems operations	95.77	.31	.30	9.75	30
E0149	Operate or monitor APU or GTC electrical systems	95.24	.31	.30	10.04	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	94.18	.31	.29	10.34	
E0148	Operate or monitor APU or GTC bleed-air systems	95.24	.31	.29	10.63	
H0270	Perform preflight inspections of air-conditioning systems	95.77	.30	.29	10.92	
K0372	Perform preflight inspections of LDG brake or antiskid systems	95.77	.30	.29	11.21	35
K0362	Monitor LDG position indicators	95.77	.30	.29	11.50	
B0078	Perform inflight inspections of aircraft	91.53	.32	.29	11.79	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	94.71	.30	.29	12.08	
N0448	Monitor engine thrust or torque indicating systems operations	87.30	.33	.29	12.37	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	95.77	.30	.29	12.65	40
J0325	Operate or monitor fuel flow or transfer systems	94.18	.30	.29	12.94	
A0044	Perform preflight inspections of emergency exit systems	92.06	.31	.29	13.23	
E0147	Operate or monitor APU starting systems	93.65	.30	.29	13.51	
A0021	Operate emergency escape hatches	95.24	.30	.28	13.80	
H0253	Monitor environmental fire or overheat detection systems operations	91.53	.31	.28	14.08	45
H0265	Operate or monitor oxygen systems	94.71	.30	.28	14.36	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	93.12	.30	.28	14.64	
J0317	Complete fuel logs	94.18	.30	.28	14.93	
K0363	Monitor LDG system normal extensions or retractions	93.65	.30	.28	15.21	
N0466	Perform preflight inspections of engine fire or overheat detection systems	94.18	.30	.28	15.49	50
H0267	Operate or monitor underfloor heating systems	91.53	.30	.28	15.76	
E0156	Perform preflight inspections of APU or GTC fire detection systems	94.71	.29	.28	16.04	
K0381	Perform preflight inspections of LDG tires	94.18	.29	.28	16.32	
H0274	Perform preflight inspections of environmental bleed-air systems	92.59	.30	.28	16.59	
K0358	Monitor brake pressures	93.12	.30	.28	16.87	55

A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	88.89	.31	.28	17.15
K0382	Perform preflight inspections of LDG wheel assemblies	93.65	.29	.27	17.42

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
B0081	Perform thru-flight or postflight inspections of aircraft	79.89	.34	.27	17.70	
K0375	Perform preflight inspections of LDG doors	92.06	.30	.27	17.97	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	97.35	.28	.27	18.24	60
A0019	Open or close crew entrance doors	93.12	.29	.27	18.51	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	93.12	.29	.27	18.79	
E0150	Operate or monitor APU or GTC fire extinguishing systems	95.24	.29	.27	19.06	
G0218	Monitor transformer rectifier (TR) systems operations	94.71	.29	.27	19.33	
N0454	Operate or monitor engine fire extinguishing systems	91.53	.30	.27	19.60	65
E0154	Perform preflight inspections of APU or GTC bleed-air systems	91.53	.30	.27	19.87	
K0358	Monitor brake antiskid systems operations	92.59	.29	.27	20.14	
N0463	Perform preflight inspections of engine cowlings	92.06	.29	.27	20.41	
H0259	Operate or monitor anti-ice systems	94.18	.29	.27	20.68	
E0151	Perform operational checks on APU or GTC bleed-air systems	89.42	.30	.27	20.95	70
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	89.42	.30	.27	21.22	
J0326	Operate or monitor fuel indicating systems, to include dip stick	88.89	.30	.27	21.48	
J0324	Operate or monitor air refueling systems	86.24	.31	.27	21.75	
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	88.89	.30	.27	22.02	
I0298	Monitor primary flight control systems operations	89.42	.30	.27	22.28	75
N0464	Perform preflight inspections of engine exhaust sections	91.53	.29	.27	22.55	
H0281	Perform preflight inspections of pressurization systems	92.06	.29	.27	22.82	
H0260	Operate or monitor avionics or electronic cooling systems	86.24	.31	.27	23.08	
N0461	Perform preflight inspections of engine air intakes	89.42	.30	.26	23.35	
H0271	Perform preflight inspections of anti-ice systems	93.65	.28	.26	23.61	80
J0329	Operate or monitor inflight refueling systems	87.30	.30	.26	23.87	
G0225	Perform preflight inspections of batteries or battery relays	95.24	.28	.26	24.14	
H0237	Analyze air-conditioning systems malfunctions	93.12	.28	.26	24.40	
K0383	Perform preflight inspections of nosewheel steering systems	90.48	.29	.26	24.66	
E0155	Perform preflight inspections of APU or GTC electrical systems	90.48	.29	.26	24.92	85
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	91.01	.29	.26	25.19	
E0157	Perform preflight inspections of APU or GTC fire	92.06	.28	.26	25.45	

	extinguishing systems				
Q0527	Perform, practice, or simulate electrical system	94.18	.28	.26	25.71
	emergency procedures				

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0378	Perform preflight inspections of LDG normal systems	89.95	.29	.26	25.97	
G0230	Perform preflight inspections of interior or exterior lighting systems	92.59	.28	.26	26.22	90
N0457	Operate or monitor engine ignition systems	88.36	.29	.26	26.48	
N0440	Analyze engine starter systems malfunctions	94.18	.28	.26	26.74	
H0238	Analyze anti-ice systems malfunctions	94.18	.27	.26	27.00	
N0465	Perform preflight inspections of engine fire extinguishing systems	89.95	.29	.26	27.26	
Q0529	Perform, practice, or simulate emergency engine procedures	93.65	.28	.26	27.52	95
H0280	Perform preflight inspections of oxygen systems	93.12	.28	.26	27.77	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	94.18	.27	.26	28.03	
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	93.65	.27	.26	28.29	
J0335	Perform preflight inspections of air refueling systems	87.30	.29	.26	28.54	
G0228	Perform preflight inspections of electrical power systems	91.01	.28	.26	28.80	100
G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	91.01	.28	.25	29.05	
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	87.30	.29	.25	29.31	
K0361	Monitor LDG emergency systems operations	91.53	.28	.25	29.56	
I0299	Monitor secondary flight control systems operations, such as trim systems	87.83	.29	.25	29.82	
K0379	Perform preflight inspections of LDG position indicating systems	89.95	.28	.25	30.07	105
N0432	Analyze engine bleed-air systems malfunctions	93.12	.27	.25	30.32	
H0241	Analyze environmental bleed-air systems malfunctions	93.65	.27	.25	30.57	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	88.89	.28	.25	30.83	
C0093	Compute aircraft performance data for nonstandard configurations	96.83	.26	.25	31.08	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	93.12	.27	.25	31.33	110
Q0523	Perform, practice, or simulate APU or GTC fire procedures	92.06	.27	.25	31.58	
C0108	Evaluate aircraft performance data	83.07	.30	.25	31.83	
N0455	Operate or monitor engine fire suppression systems	86.77	.29	.25	32.09	
E0152	Perform operational checks on APU or GTC electrical systems	86.77	.29	.25	32.34	
E0144	Monitor APU or GTC fire detection systems operations	90.48	.28	.25	32.59	115
N0449	Monitor engine thrust reversing systems operations	85.19	.29	.25	32.83	
T0221	Monitor fuel dump/dettiger systems operations	85.24	.26	.25	33.08	

G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	90.48	.28	.25	33.33
K0364	Monitor nosewheel steering systems operations	88.36	.28	.25	33.58

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0248	Analyze pressurization systems malfunctions	92.59	.27	.25	33.83	120
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	86.77	.29	.25	34.08	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	92.06	.27	.25	34.33	
I0295	Monitor automatic flight control systems or autopilot systems operations	86.77	.29	.25	34.58	
N0438	Analyze engine ignition systems malfunctions	93.65	.26	.25	34.82	
J0330	Operate or monitor single-point refueling systems	90.48	.27	.25	35.07	125
N0437	Analyze engine fuel systems malfunctions	92.59	.27	.25	35.32	
Q0547	Recommend corrective actions for inflight emergency conditions	89.95	.27	.25	35.57	
E0153	Perform preflight inspections of APU starting systems	87.30	.28	.25	35.81	
I0293	Analyze primary flight control systems malfunctions	89.95	.27	.25	36.06	
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	92.59	.27	.25	36.30	130
Q0542	Perform, practice, or simulate smoke elimination procedures	92.59	.26	.25	36.55	
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	92.06	.26	.24	36.79	
Q0532	Perform, practice, or simulate flight control system emergency procedures	91.01	.27	.24	37.04	
Q0544	Perform, practice, or simulate wing fire procedures	91.53	.27	.24	37.28	
K0374	Perform preflight inspections of LDG cylinders or snubbers	84.66	.29	.24	37.52	135
H0276	Perform preflight inspections of environmental fire or overheat detection systems	87.30	.28	.24	37.77	
A0043	Perform preflight inspections of crew relief areas	76.72	.32	.24	38.01	
N0435	Analyze engine fire or overheat detection systems malfunctions	92.06	.26	.24	38.25	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	86.77	.28	.24	38.50	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	90.48	.27	.24	38.74	140
J0322	Monitor fuel temperature conditions	84.66	.28	.24	38.98	
H0243	Analyze environmental fire or overheat detection systems malfunctions	91.53	.26	.24	39.22	
A0023	Operate galley equipment, such as ovens or coffee makers	75.66	.32	.24	39.46	
A0045	Perform preflight inspections of liferaft release mechanisms	82.01	.29	.24	39.70	
J0339	Perform preflight inspections of inflight refueling systems	86.24	.28	.24	39.94	145
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	89.95	.27	.24	40.18	
K0375	Perform preflight inspections of LDG emergency systems	85.71	.28	.24	40.42	

N0444	Monitor engine compressor sections operations	80.42	.30	.24	40.65
I0297	Monitor flight control position instrument systems operations	85.19	.28	.24	40.89

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0548	Report emergency conditions	88.36	.27	.24	41.13	150
H0268	Operate or monitor ventilating systems	81.48	.29	.24	41.37	
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	89.95	.27	.24	41.61	
M0414	Operate ATMs	73.02	.33	.24	41.85	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	85.19	.28	.24	42.09	
C0090	Complete range computations	87.30	.27	.24	42.32	155
G0231	Perform preflight inspections of pitot-static systems or temperature probes	87.30	.27	.24	42.56	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	91.53	.26	.24	42.80	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	85.19	.28	.24	43.04	
E0158	Perform preflight inspections of APU or GTC fuel systems	86.24	.27	.24	43.27	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	85.71	.28	.24	43.51	160
E0145	Monitor APU or GTC fuel systems operations	87.30	.27	.24	43.74	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	75.66	.31	.24	43.98	
N0434	Analyze engine fire extinguishing systems malfunctions	89.95	.26	.24	44.22	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	84.66	.28	.24	44.45	
N0433	Analyze engine control systems malfunctions	89.95	.26	.24	44.69	165
K0357	Monitor alternate gear extensions or retractions	89.42	.26	.24	44.92	
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	89.95	.26	.24	45.16	
Q0525	Perform, practice, or simulate cabin fire procedures	89.95	.26	.23	45.39	
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	89.95	.26	.23	45.63	
K0351	Analyze LDG normal systems malfunctions	90.48	.26	.23	45.86	170
H0239	Analyze avionics or electronic cooling systems malfunctions	87.83	.27	.23	46.09	
G0222	Operate or monitor emergency power generator systems	88.36	.26	.23	46.33	
N0451	Monitor thrust reverser systems operations	82.01	.28	.23	46.56	
S0577	Review FCIFs	79.89	.29	.23	46.79	
G0232	Perform preflight inspections of transformer rectifier systems	87.30	.27	.23	47.02	175
H0261	Operate or monitor de-ice systems	81.48	.28	.23	47.25	
A0011	Fasten seats, seat belts, or shoulder harnesses	84.66	.27	.23	47.49	
H0254	Monitor environmental fire suppression systems operations	84.13	.27	.23	47.72	
E0146	Monitor APU or GTC oil systems operations	86.24	.27	.23	47.95	
N0467	Perform preflight inspections of engine fire suppression bottles	82.54	.28	.23	48.18	180

J0333	Perform fuel system cold weather operations	87.83	.26	.23	48.41
J0328	Operate or monitor fuel systems using nonstandard fuels	88.36	.26	.23	48.64

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	89.42	.25	.23	48.86	
A0013	Fire small arms for qualification	95.24	.24	.23	49.09	
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	94.71	.24	.23	49.32	185
C0091	Compute air refueling data	84.66	.27	.23	49.54	
A0038	Perform preflight inspections of aircraft for chocking	85.71	.26	.23	49.77	
N0439	Analyze engine oil cooler systems malfunctions	88.89	.25	.23	50.00	
E0159	Perform preflight inspections of APU or GTC oil systems	84.66	.27	.23	50.22	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	84.13	.27	.23	50.45	190
H0247	Analyze oxygen systems malfunctions	89.42	.25	.23	50.68	
A0052	Request aircrew transportation	88.36	.26	.23	50.90	
B0068	Interpret wiring or system schematic diagrams	86.24	.26	.23	51.13	
C0089	Complete performance planning worksheets	73.54	.31	.23	51.35	
Q0541	Perform, practice, or simulate rapid descent procedures	87.83	.26	.22	51.58	195
J0313	Analyze fuel transfer systems malfunctions	87.83	.26	.22	51.80	
E0139	Analyze APU or GTC electrical systems malfunctions	86.77	.26	.22	52.03	
H0242	Analyze environmental fire extinguishing systems malfunctions	86.77	.26	.22	52.25	
N0436	Analyze engine fire suppression systems malfunctions	86.24	.26	.22	52.47	
H0272	Perform preflight inspections of avionics or electronic cooling systems	84.13	.27	.22	52.70	200
F0195	Perform preflight inspections of FMSS	80.95	.28	.22	52.92	
D0129	Perform preflight inspections of cargo doors, ramps, or latches	79.89	.28	.22	53.14	
K0360	Monitor brake temperatures	79.37	.28	.22	53.36	
J0311	Analyze fuel indicating systems, to include dip stick	85.71	.26	.22	53.58	
H0269	Operate or monitor windshield heat systems	79.37	.28	.22	53.80	205
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	84.66	.26	.22	54.02	
G0220	Operate or monitor electric air turbine motor (ATM) systems	74.07	.30	.22	54.24	
G0223	Perform operational checks on pitot heat systems	85.71	.26	.22	54.46	
J0310	Analyze fuel flow systems malfunctions	87.30	.25	.22	54.68	
A0016	Interpret marshalling signals	83.07	.26	.22	54.90	210
K0352	Analyze LDG position indicating systems malfunctions	88.36	.25	.22	55.12	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	85.19	.26	.22	55.34	
F0182	Operate or monitor communications systems, other than SATCOM, secure, or L-band communications systems	79.37	.27	.22	55.55	
H0240	Analyze de-ice systems malfunctions	85.19	.26	.22	55.77	
H0244	Analyze environmental fire suppression systems	84.66	.26	.22	55.99	215

	malfunctions				
E0140	Analyze APU or GTC fire detection systems malfunctions	85.71	.25	.22	56.21

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
N0441	Analyze engine thrust or torque indicating systems malfunctions	84.13	.26	.22	56.42	
H0283	Perform preflight inspections of underfloor heating systems	79.37	.27	.21	56.64	
H0277	Perform preflight inspections of environmental fire suppression bottles	79.89	.27	.21	56.85	
D0130	Perform preflight inspections of door or ramp warning systems	80.42	.27	.21	57.07	220
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	81.48	.26	.21	57.28	
J0332	Perform fuel system hot weather operations	82.54	.26	.21	57.49	
Q0546	Recommend corrective actions for ground emergency conditions	84.66	.25	.21	57.70	
J0323	Monitor nonstandard fuel systems configurations	83.60	.25	.21	57.92	
F0192	Perform preflight inspections of communications systems equipment, other than SATCOM, secure, or L-band communications systems equipment	78.31	.27	.21	58.13	225
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	81.48	.26	.21	58.34	
A0030	Perform aircrew chemical warfare procedures	88.36	.24	.21	58.55	
F0185	Operate or monitor L-band communications systems	76.19	.28	.21	58.76	
G0229	Perform preflight inspections of emergency electrical power generators	79.89	.26	.21	58.97	
H0250	Analyze underfloor heating systems malfunctions	83.60	.25	.21	59.18	230
Q0543	Perform, practice, or simulate thrust reverser failure procedures	79.37	.26	.21	59.39	
J0309	Analyze fuel dump/jettison systems malfunctions	85.19	.25	.21	59.60	
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	81.48	.26	.21	59.81	
K0349	Analyze LDG emergency systems malfunctions	84.13	.25	.21	60.02	
M0419	Perform preflight inspections of ATMs	71.96	.29	.21	60.23	235
C0110	Interpret terminal procedures (TERPs)	80.42	.26	.21	60.44	
A0027	Participate in preflight or postflight intelligence briefings	83.07	.25	.21	60.64	
B0063	Ground aircraft	88.36	.24	.21	60.85	
K0355	Analyze nosewheel steering systems malfunctions	86.24	.24	.21	61.06	
F0199	Perform preflight inspections of L-band communications systems equipment	75.66	.27	.21	61.27	240
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	76.19	.27	.21	61.47	
H0273	Perform preflight inspections of de-ice systems	78.31	.26	.21	61.68	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	80.95	.25	.21	61.89	
L0388	Monitor MADAR systems operations	62.43	.33	.21	62.09	
H0252	Analyze windshield heat systems malfunctions	86.24	.24	.21	62.30	245
N0442	Analyze thrust reverser systems malfunctions	78.37	.26	.21	62.50	

Q0521	Perform, practice, or simulate air refueling system emergency procedures	78.31	.26	.21	62.71
A0029	Perform aircrew arming procedures	89.42	.23	.20	62.91

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0524	Perform, practice, or simulate bailout or ditching procedures	82.01	.25	.20	63.12	
N0468	Perform preflight inspections of thrust reverser systems	75.66	.27	.20	63.32	250
E0142	Analyze APU or GTC fuel systems malfunctions	83.60	.24	.20	63.53	
J0308	Analyze air refueling systems malfunctions	80.42	.25	.20	63.73	
J0314	Analyze inflight refueling systems malfunctions	80.95	.25	.20	63.93	
F0193	Perform preflight inspections of CVRs	72.49	.28	.20	64.14	
F0189	Operate or monitor SATCOM or secure communications systems	75.13	.27	.20	64.34	255
E0143	Analyze APU or GTC oil systems malfunctions	83.07	.24	.20	64.54	
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	81.48	.25	.20	64.74	
M0416	Operate or monitor pneudraulic systems to include emergency systems	71.43	.28	.20	64.94	
H0251	Analyze ventilating systems malfunctions	80.95	.25	.20	65.14	
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	78.84	.25	.20	65.34	260
F0197	Perform preflight inspections of GPSS	76.72	.26	.20	65.54	
H0255	Operate environmental fire extinguishing systems	80.95	.24	.20	65.73	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	76.19	.26	.20	65.93	
M0426	Recommend or perform corrective actions after analyses of pneudraulic or hydraulic systems malfunctions	76.19	.26	.20	66.12	
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	74.60	.26	.19	66.32	265
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	79.89	.24	.19	66.51	
F0208	Program, operate, or update FMSS	73.02	.27	.19	66.71	
H0264	Operate or monitor hydraulic cooling systems	72.49	.27	.19	66.90	
A0014	Inspect ramp areas for foreign object damage (FOD)	78.31	.25	.19	67.09	
Q0528	Perform, practice, or simulate emergency driftdown procedures	77.25	.25	.19	67.29	270
A0005	Chock aircraft tires	64.02	.30	.19	67.48	
J0341	Perform preflight inspections of wing pressurization systems	68.25	.28	.19	67.67	
K0366	Operate LDG emergency systems extensions	78.31	.24	.19	67.86	
H0284	Perform preflight inspections of ventilating systems	74.07	.26	.19	68.05	
J0340	Perform preflight inspections of single-point refueling systems	74.07	.26	.19	68.24	275
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	75.66	.25	.19	68.44	
J0331	Operate or monitor wing pressurization systems	70.37	.27	.19	68.62	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	76.72	.25	.19	68.81	

F0210	Program, operate, or update GPSs	72.49	.26	.19	69.00	
F0194	Perform preflight inspections of emergency locator systems, such as ELTs or CPIs	71.43	.26	.19	69.19	280

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
J0315	Analyze single-point refueling systems malfunctions	79.37	.23	.19	69.37	
J0337	Perform preflight inspections of fuel dump/jettison systems	71.43	.26	.19	69.56	
D0119	Monitor door or ramp warning systems operations	78.31	.24	.19	69.75	
A0055	Secure equipment for descent or landing	71.96	.26	.18	69.93	
H0285	Perform preflight inspections of windshield heat systems	74.07	.25	.18	70.12	285
M0417	Operate or monitor PTUs	61.90	.30	.18	70.30	
N0471	Record entries on engine conditioning monitoring logs	67.20	.27	.18	70.48	
D0114	Analyze door or ramp warning systems malfunctions	78.31	.23	.18	70.66	
B0062	Evaluate proposed maintenance repairs or minor modifications	69.31	.26	.18	70.85	
M0422	Perform preflight inspections of PTUs	62.43	.29	.18	71.03	290
F0200	Perform preflight inspections of navigation equipment, other than radar equipment	71.43	.25	.18	71.21	
M0408	Analyze ATM malfunctions	69.31	.26	.18	71.39	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	75.13	.24	.18	71.57	
L0402	Perform preflight inspections of MADAR systems	60.32	.30	.18	71.74	
K0365	Operate alternate gear systems	71.96	.25	.18	71.92	295
H0246	Analyze hydraulic cooling systems malfunctions	71.43	.25	.18	72.10	
C0102	Compute minimum landing fuel BINGO requirements	69.84	.25	.18	72.27	
K0373	Perform preflight inspections of LDG castering systems	62.96	.28	.18	72.45	
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	70.90	.25	.18	72.62	
K0354	Analyze LDG wheel assembly malfunctions	73.54	.24	.17	72.80	300
F0196	Perform preflight inspections of FSASS	65.08	.27	.17	72.97	
L0396	Perform MADAR landing gear systems analyses	62.43	.28	.17	73.15	
M0428	Service hydraulic systems	76.72	.23	.17	73.32	
F0186	Operate or monitor navigation equipment, other than radar equipment	69.31	.25	.17	73.49	
D0113	Analyze cargo door or ramp systems malfunctions	76.19	.23	.17	73.67	305
Q0545	Perform, practice, or simulate movement of crewmembers or passengers during emergency procedures	70.37	.24	.17	73.84	
K0369	Operate or monitor LDG kneeling systems	60.32	.28	.17	74.01	
F0202	Perform preflight inspections of SATCOM or secure communications systems equipment	67.72	.25	.17	74.18	
J0327	Operate or monitor fuel inerting systems	64.02	.26	.17	74.35	
A0034	Perform high-altitude procedures in altitude chambers	78.84	.21	.17	74.52	310
A0015	Interpret aircraft markings or stencils	48.15	.35	.17	74.69	
F0174	Analyze navigation systems malfunctions, other than radar systems	71.43	.24	.17	74.86	
F0168	Analyze flight management systems (FMS) malfunctions	70.90	.24	.17	75.03	
M0410	Analyze pneudraulic systems malfunctions	69.84	.24	.17	75.19	
F0166	Analyze communications systems malfunctions, other than satellite communications (SATCOM), secure, or T-band communications systems	71.96	.23	.17	75.36	315

G0217	Analyze special system buses malfunctions	66.67	.25	.17	75.53
F0175	Analyze radar systems malfunctions	71.96	.23	.17	75.70
L0395	Perform MADAR hydraulic systems analyses	61.90	.27	.17	75.86

Number of Members: 189

gp0013

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
N0450	Monitor engine vibration indicators, other than MADAR systems engine vibration analyses	60.32	.27	.17	76.03	
L0392	Perform MADAR environmental systems analyses	60.85	.27	.17	76.19	320
L0391	Perform MADAR systems engine vibration analyses	62.43	.26	.16	76.36	
F0169	Analyze flight recorder systems malfunctions	69.84	.23	.16	76.52	
F0211	Recommend or perform corrective actions after analyses of communications or navigation systems malfunctions	65.08	.25	.16	76.68	
L0397	Perform MADAR mechanical systems analyses	61.90	.26	.16	76.85	
C0099	Compute orbit data	65.08	.25	.16	77.01	325
L0399	Perform MADAR propulsion power plant systems analyses	60.85	.27	.16	77.17	
J0316	Analyze wing pressurization systems malfunctions	67.72	.24	.16	77.33	
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	67.72	.24	.16	77.49	
F0187	Operate or monitor radar systems	66.67	.24	.16	77.66	
L0387	Analyze malfunction analysis detection and recording (MADAR) systems malfunctions	56.61	.28	.16	77.82	330
J0338	Perform preflight inspections of fuel inerting systems	61.38	.26	.16	77.98	
G0226	Perform preflight inspections of electric ATM systems	63.49	.25	.16	78.14	
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	68.25	.23	.16	78.29	
L0393	Perform MADAR flight control systems analyses	60.85	.26	.16	78.45	
G0224	Perform preflight inspections of electrical converter systems	63.49	.25	.16	78.61	335
A0037	Perform in-flight inspections of cargo	62.96	.25	.16	78.77	
M0411	Analyze power transfer unit (PTU) malfunctions	62.43	.25	.16	78.92	
L0394	Perform MADAR flight instrument systems analyses	60.85	.26	.16	79.08	
L0390	Perform MADAR electronic systems analyses	59.79	.26	.16	79.24	
F0171	Analyze global positioning systems (GPS) malfunctions	68.78	.23	.16	79.39	340
F0167	Analyze emergency locator systems malfunctions, such as emergency locator transmitters (ELTs) or crash position indicators (CPIs)	66.67	.23	.16	79.55	
K0377	Perform preflight inspections of LDG kneeling systems	59.79	.26	.16	79.70	
F0209	Program, operate, or update FSASS	61.38	.25	.16	79.86	

Report Option Table for Modules

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

Report Option Table for Tasks

Option	Status
Primary Sort	Inventory Sequence
Secondary Sort	Not Used
Print Suppress	Not Used

Description of Reported Module Factors

Col	Factor	Source vector	Title	Number Members	----- Mean	Based on All S.D.	Tasks Within Max	Range Min	----- Valid
1	TITLE		Module Statement						

Description of Reported Task Factors

1	TITLE		Task Statement							
2	F0011	GP0011/PMP	All Air Reserve Airmen with DAFSC 1A1X1C	231	55.73	32.10	97.84	1.73	674	
3	F0012	GP0012/PMP	All Air Reserve Airmen with DAFSC 1A151C	42	55.29	34.24	100.00	.00	674	
4	F0013	GP0013/PMP	All Air Reserve Airmen with DAFSC 1A171C	189	55.82	31.75	98.41	1.59	674	
5	F0008	GP0008/PMP	All Air Guard Airmen with DAFSC 1A1X1C	147	51.48	33.46	99.32	2.72	674	
6	F0010	GP0010/PMP	All Air Guard Airmen with DAFSC 1A171C	146	51.41	33.45	99.32	2.74	674	

AFSC 1A1X1C tasks are presented in USAF Job Inventory order under Duty headings.

The percent of DAFSC group members performing each task is presented to the right of each task.

Note that tasks are listed in alphabetical order under each Duty heading so that tasks may be easily located and cross-referenced. Differences between groups may be highlighted where there are large differences in percent members performing each task across the various groups.

D

T Tsk		AFRC	AFRC	AFRC	ANG	ANG
Y Nbr	Task Title	TOT	5	7	TOT	7

A PERFORMING GENERAL AIRCREW ACTIVITIES

A0001	Brief aircraft commanders on aircraft weight and balance status	50	55	49	35	34
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	87	93	85	91	91
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97	98	97	97	97
A0004	Brief passengers on flight mission	14	14	14	7	7
A0005	Chock aircraft tires	62	52	64	23	23
A0006	Compute aircraft center-of-gravity	42	45	42	15	15
A0007	Coordinate flight operations with ramp coordinators or supervisors of flying (SOFs)	29	29	30	30	30
A0008	Coordinate life support, fleet service, or security requirements with supporting agencies	54	64	51	33	33
A0009	Demonstrate use of life preservers, parachutes, or oxygen masks to passengers	12	7	13	10	10
A0010	Evaluate or correct discrepancies or contradictions in procedures reported by crewmembers	61	48	63	57	58
A0011	Fasten seats, seat belts, or shoulder harnesses	86	90	85	82	83
A0012	Fasten or release cargo nets or tie-down straps	35	36	35	29	29
A0013	Fire small arms for qualification	96	100	95	98	98
A0014	Inspect ramp areas for foreign object damage (FOD)	78	76	78	71	71
A0015	Interpret aircraft markings or stencils	51	62	48	63	62
A0016	Interpret marshalling signals	84	90	83	84	84
A0017	Load or offload personnel	44	43	44	17	17
A0018	Load or offload special equipment	23	19	23	15	15
A0019	Open or close crew entrance doors	94	98	93	81	81
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	96	100	95	92	92
A0021	Operate emergency escape hatches	95	95	95	96	96
A0022	Operate flightline motor vehicles	66	60	68	87	87

D						
T Tsk		AFRC	AFRC	AFRC	ANG	ANG
Y Nbr	Task Title	TOT	5	7	TOT	7
A0023	Operate galley equipment, such as ovens or coffee makers	75	74	76	87	87
A0024	Participate in crew operations debriefings	95	95	95	95	95
A0025	Participate in maintenance debriefings	97	93	98	95	95
A0026	Participate in pre-mission briefings	95	95	95	88	88
A0027	Participate in preflight or postflight intelligence briefings	84	90	83	89	89
A0028	Participate in weather briefings	61	48	65	52	52
A0029	Perform aircrew arming procedures	91	98	89	78	77
A0030	Perform aircrew chemical warfare procedures	90	98	88	86	86
A0031	Perform aircrew scanning duties	95	98	95	83	83
A0032	Perform fireguard duties	71	71	70	54	54
A0033	Perform functional check flight (FCF) duties	46	31	49	48	48
A0034	Perform high-altitude procedures in altitude chambers	80	83	79	81	81
A0035	Perform marshalling duties	65	60	66	42	42
A0036	Perform wing walking operations	73	71	73	50	50
A0037	Perform in-flight inspections of cargo	63	62	63	22	21
A0038	Perform preflight inspections of aircraft for chocking	84	79	86	69	69
A0039	Perform preflight inspections of aircraft for fluid leakage	96	95	96	97	97
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97	98	97	97	97
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	90	93	89	95	95
A0042	Perform preflight inspections of cockpit or cabin compartments	98	95	98	99	99
A0043	Perform preflight inspections of crew relief areas	77	76	77	63	62
A0044	Perform preflight inspections of emergency exit systems	93	95	92	93	93
A0045	Perform preflight inspections of liferaft release mechanisms	84	90	82	88	88
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	87	88	87	81	81
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	89	95	87	92	92
A0048	Pick up or turn in aircraft life support equipment	39	45	38	47	47
A0049	Prepare aircraft for cargo loading or offloading	43	38	44	28	27
A0050	Prepare cargo for loading or offloading	16	17	16	12	12
A0051	Program life history recorders	23	19	24	14	14
A0052	Request aircrew transportation	88	88	88	69	68
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	97	98	97	99	99
A0054	Review passenger manifests	13	12	13	24	25
A0055	Secure equipment for descent or landing	71	69	72	60	60
A0056	Service lavatory systems	6	7	5	10	10

A0057	Service water systems	7	7	7	8	8
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	95	95	95	98	98

D

T Tsk

Y Nbr

Task Title

AFRC
TOTAFRC
5AFRC
7ANG
TOTANG
7

B PERFORMING GENERAL MAINTENANCE ACTIVITIES

B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	97	95	97	97	97
B0060	Coordinate maintenance requirements with crew chiefs	97	98	97	95	95
B0061	Drain fuel sumps	44	45	44	48	48
B0062	Evaluate proposed maintenance repairs or minor modifications	70	71	69	62	62
B0063	Ground aircraft	87	83	88	93	93
B0064	Identify powered aerospace ground equipment (AGE) malfunctions	49	48	50	69	68
B0065	Inspect nonpowered AGE for operating condition or serviceability	59	71	57	50	50
B0066	Inspect powered AGE for operating condition or serviceability	68	79	66	61	60
B0067	Inspect specialized support equipment for serviceability, other than AGE	41	60	37	37	36
B0068	Interpret wiring or system schematic diagrams	86	83	86	81	81
B0069	Inventory tool kits	54	69	50	74	75
B0070	Jack or level aircraft	7	10	6	7	8
B0071	Launch or recover aircraft	16	17	16	16	16
B0072	Monitor powered AGE operations	57	60	56	48	49
B0073	Moor aircraft	17	17	17	56	57
B0074	Participate in aircraft towing or parking operations	68	69	68	45	45
B0075	Perform aircraft ground handling, towing, or parking operations	46	38	48	35	36
B0076	Perform hostile environment repairs	32	40	30	83	84
B0077	Perform hot refueling or defueling operations	35	38	34	48	49
B0078	Perform inflight inspections of aircraft	92	93	92	88	88
B0079	Perform operational maintenance inspections	40	43	39	53	53
B0080	Perform over-the-wing refueling or defueling operations	32	38	31	66	66
B0081	Perform thru-flight or postflight inspections of aircraft	78	69	80	80	80
B0082	Position or operate nonpowered AGE, other than during inspections or while analyzing malfunctions	41	31	43	56	55
B0083	Position or operate powered AGE, other than during inspections or while analyzing malfunctions	43	36	44	56	55
B0084	Remove or install airframe, engine covers, or pitot covers	66	67	66	95	95
B0085	Remove or replace access doors, cowlings, fairings, inspection plates, panels, or windows	60	60	60	75	75
B0086	Remove or replace airframe tubing or hoses	31	38	29	37	37
B0087	Remove or replace structural hardware, such as bolts, fasteners, or screws	42	48	41	47	47

B0088 Select maintenance brevity codes for AFTO Forms
 781-series

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Task Title

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7C PERFORMING MISSION PLANNING AND PERFORMANCE DATA
COMPUTATIONS

C0089	Complete performance planning worksheets	74	79	74	61	61
C0090	Complete range computations	87	86	87	79	79
C0091	Compute air refueling data	84	81	85	12	12
C0092	Compute aircraft emergency performance data	97	95	97	95	95
C0093	Compute aircraft performance data for nonstandard configurations	96	93	97	91	91
C0094	Compute aircraft weight and balance data using charts, load adjusters, calculators, or computers	58	62	57	30	30
C0095	Compute airdrop data	23	31	21	76	76
C0096	Compute climb, cruise, or descent data	98	98	98	99	99
C0097	Compute flight payloads or offloads	43	40	44	41	41
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	91	90	92	85	85
C0099	Compute orbit data	65	62	65	44	44
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	98	95	98	99	99
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	96	95	96	91	92
C0102	Compute minimum landing fuel BINGO requirements	68	62	70	55	55
C0103	Create, compute, or verify flight plans	20	24	19	13	12
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	90	95	89	91	91
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	94	95	93	94	94
C0106	Determine present position coordinates	53	48	54	19	19
C0107	Develop evasion plans of action (EPAs)	41	45	40	60	60
C0108	Evaluate aircraft performance data	84	88	83	89	89
C0109	Interpret map symbology	43	43	43	38	38
C0110	Interpret terminal procedures (TERPs)	80	76	80	66	66

D PERFORMING AUXILIARY SYSTEMS ACTIVITIES

D0111	Analyze aerial defensive systems malfunctions	42	33	44	46	45
D0112	Analyze aerial delivery systems malfunctions	24	21	25	37	37
D0113	Analyze cargo door or ramp systems malfunctions	77	81	76	85	85
D0114	Analyze door or ramp warning systems malfunctions	80	86	78	88	88
D0115	Analyze exit spoiler or air deflector systems malfunctions	48	55	47	67	66
D0116	Analyze visor systems malfunctions	50	50	50	14	14
D0117	Analyze weapons systems malfunctions, other than aerial defensive systems	24	21	24	16	16

D0118 Analyze winch systems malfunctions

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Y Nbr	Task Title		TOT	5	7	TOT
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D0119	Monitor door or ramp warning systems operations		79	81	78	84
D0120	Operate or monitor aerial defensive systems		46	40	48	38
D0121	Operate or monitor aerial delivery systems		26	24	26	46
D0122	Operate or monitor exit spoiler or air deflector systems		27	33	26	54
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic		69	74	68	81
D0124	Operate or monitor visor systems		41	36	42	11
D0125	Operate or monitor weapons systems, other than aerial defensive systems		16	17	16	15
D0126	Operate or monitor winch systems		21	14	22	22
D0127	Perform preflight inspections of aerial defensive systems		47	43	48	46
D0128	Perform preflight inspections of aerial delivery systems		22	24	21	32
D0129	Perform preflight inspections of cargo doors, ramps, or latches		80	79	80	80
D0130	Perform preflight inspections of door or ramp warning systems		81	81	80	74
D0131	Perform preflight inspections of exit spoiler or air deflector systems		31	38	30	62
D0132	Perform preflight inspections of visor systems		52	50	52	12
D0133	Perform preflight inspections of weapons systems, other than aerial defensive systems		22	17	23	18
D0134	Perform unscheduled maintenance on auxiliary systems		32	21	34	46
D0135	Recommend or perform corrective actions after analyses of auxiliary systems malfunctions		52	45	53	64
D0136	Service auxiliary systems		41	43	41	59

E PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES

E0137	Analyze auxiliary power unit (APU) starting systems malfunctions		87	98	85	83
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions		86	93	85	91
E0139	Analyze APU or GTC electrical systems malfunctions		89	98	87	98
E0140	Analyze APU or GTC fire detection systems malfunctions		88	98	86	95
E0141	Analyze APU or GTC fire extinguishing systems malfunctions		84	95	81	92
E0142	Analyze APU or GTC fuel systems malfunctions		85	90	84	93
E0143	Analyze APU or GTC oil systems malfunctions		84	88	83	91
E0144	Monitor APU or GTC fire detection systems operations		92	98	90	98
E0145	Monitor APU or GTC fuel systems operations		88	90	87	95
E0146	Monitor APU or GTC oil systems operations		87	88	86	92
E0147	Operate or monitor APU starting systems		84	85	84	85

E0148	Operate or monitor APU or GTC bleed-air systems	95	95	95	98	98
E0149	Operate or monitor APU or GTC electrical systems	96	98	95	98	98

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E0150	Operate or monitor APU or GTC fire extinguishing systems		96	98	95	98
E0151	Perform operational checks on APU or GTC bleed-air systems		89	86	89	97
E0152	Perform operational checks on APU or GTC electrical systems		87	86	87	97
E0153	Perform preflight inspections of APU starting systems		88	93	87	86
E0154	Perform preflight inspections of APU or GTC bleed-air systems		92	95	92	97
E0155	Perform preflight inspections of APU or GTC electrical systems		91	95	90	93
E0156	Perform preflight inspections of APU or GTC fire detection systems		95	95	95	95
E0157	Perform preflight inspections of APU or GTC fire extinguishing systems		92	93	92	90
E0158	Perform preflight inspections of APU or GTC fuel systems		86	86	86	88
E0159	Perform preflight inspections of APU or GTC oil systems		85	88	85	91
E0160	Perform unscheduled maintenance on APU or GTC systems		48	33	51	65
E0161	Prime APU or GTC fuel systems		33	29	34	48
E0162	Prime APU or GTC oil systems		32	31	32	49
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions		76	79	76	81
E0164	Service APU or GTC systems		50	50	50	69

F PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS
ACTIVITIES

F0165	Analyze cockpit voice recorder (CVR) malfunctions		76	81	75	76
F0166	Analyze communications systems malfunctions, other than satellite communications (SATCOM), secure, or L-band communications systems		75	88	72	52
F0167	Analyze emergency locator systems malfunctions, such as emergency locator transmitters (ELTs) or crash position indicators (CPIs)		68	74	67	53
F0168	Analyze flight management systems (FMS) malfunctions		72	79	71	35
F0169	Analyze flight recorder systems malfunctions		69	64	70	60
F0170	Analyze FSAS malfunctions		55	57	55	16
F0171	Analyze global positioning systems (GPS) malfunctions		68	64	69	39
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments		82	93	80	75
F0173	Analyze L-band communications systems malfunctions		65	67	64	18
F0174	Analyze navigation systems malfunctions, other than radar systems		70	64	71	60
F0175	Analyze radar systems malfunctions		71	64	72	65

F0176	Analyze SATCOM or secure communications systems malfunctions	61	62	61	21	21
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Y Nbr	Task Title		TOT	5	7	TOT
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F0177	Analyze trailing wire antenna (TWA) drogue systems malfunctions		16	21	15	7
F0178	Install or remove ground land lines		17	21	16	22
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures		88	86	88	84
F0180	Operate flight recorder systems		52	48	53	54
F0181	Operate public address (PA) systems		61	57	62	35
F0182	Operate or monitor communications systems, other than SATCOM, secure, or L-band communications systems		79	79	79	40
F0183	Operate or monitor instrument systems, such as avionics or flight instruments		86	88	85	76
F0184	Operate or monitor interphone systems		93	98	92	87
F0185	Operate or monitor L-band communications systems		77	83	76	23
F0186	Operate or monitor navigation equipment, other than radar equipment		69	67	69	61
F0187	Operate or monitor radar systems		66	62	67	69
F0188	Operate or monitor radios		93	95	93	81
F0189	Operate or monitor SATCOM or secure communications systems		74	71	75	22
F0190	Operate or monitor TWA drogue systems		10	14	8	5
F0191	Operate or monitor TWA electric power supply systems air driven pumps (ADPs)		11	12	11	3
F0192	Perform preflight inspections of communications systems equipment, other than SATCOM, secure, or L-band communications systems equipment		79	83	78	50
F0193	Perform preflight inspections of CVRs		74	83	72	73
F0194	Perform preflight inspections of emergency locator systems, such as ELTs or CPIs		71	69	71	35
F0195	Perform preflight inspections of FMSS		80	76	81	24
F0196	Perform preflight inspections of FSASS		65	64	65	10
F0197	Perform preflight inspections of GPSS		77	76	77	29
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments		88	93	87	82
F0199	Perform preflight inspections of L-band communications systems equipment		76	76	76	14
F0200	Perform preflight inspections of navigation equipment, other than radar equipment		71	71	71	52
F0201	Perform preflight inspections of radar systems		58	57	59	37
F0202	Perform preflight inspections of SATCOM or secure communications systems equipment		66	60	68	15
F0203	Perform preflight inspections of TWA drogue systems		9	12	8	4
F0204	Perform unscheduled maintenance on communications or navigation systems		28	24	29	22
F0205	Program communications systems, other than SATCOM, secure, or L-band communications systems		40	40	40	14
F0206	Program L-band communications systems		48	50	47	9
F0207	Program SATCOM or secure communications systems		45	55	42	7

F0208	Program, operate, or update FMSS	73	74	73	14	14
F0209	Program, operate, or update FSASS	61	57	61	5	5
F0210	Program, operate, or update GPSS	71	67	72	24	24

D T Tsk Y Nbr	Task Title	AFRC	AFRC	AFRC	ANG	ANG
		TOT	5	7	TOT	7
F0211	Recommend or perform corrective actions after analyses of communications or navigation systems malfunctions	67	74	65	45	45
F0212	Service communications or navigation systems	17	21	16	12	12
F0213	Update communications systems, other than SATCOM, secure, or L-band communications systems	32	36	32	7	7
F0214	Update L-band communications systems	45	45	45	7	7
F0215	Update SATCOM or secure communications systems	42	45	42	6	6

G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES					
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	91	93	90	92	92
G0217	Analyze special system buses malfunctions	68	76	67	73	73
G0218	Monitor transformer rectifier (TR) systems operations	95	95	95	90	90
G0219	Operate special system buses	58	67	57	62	62
G0220	Operate or monitor electric air turbine motor (ATM) systems	73	69	74	35	35
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	94	95	94	93	92
G0222	Operate or monitor emergency power generator systems	89	93	88	64	64
G0223	Perform operational checks on pitot heat systems	85	83	86	93	92
G0224	Perform preflight inspections of electrical converter systems	65	69	63	80	80
G0225	Perform preflight inspections of batteries or battery relays	96	98	95	95	95
G0226	Perform preflight inspections of electric ATM systems	64	67	63	39	39
G0227	Perform preflight inspections of electrical inverter systems	55	52	56	86	86
G0228	Perform preflight inspections of electrical power systems	92	95	91	96	96
G0229	Perform preflight inspections of emergency electrical power generators	80	81	80	77	77
G0230	Perform preflight inspections of interior or exterior lighting systems	93	95	93	96	96
G0231	Perform preflight inspections of pitot-static systems or temperature probes	87	83	87	93	93
G0232	Perform preflight inspections of transformer rectifier systems	88	90	87	91	91
G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	92	95	91	95	95
G0234	Perform unscheduled maintenance on electrical systems, other than APU or GTC electrical systems	42	38	43	63	63
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	82	86	81	84	84
G0236	Service electrical systems	25	26	25	41	41

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H PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES

H0237	Analyze air-conditioning systems malfunctions	94	98	93	93	92
H0238	Analyze anti-ice systems malfunctions	95	100	94	94	94
H0239	Analyze avionics or electronic cooling systems malfunctions	89	95	88	74	74
H0240	Analyze de-ice systems malfunctions	87	98	85	90	90
H0241	Analyze environmental bleed-air systems malfunctions	94	98	94	93	93
H0242	Analyze environmental fire extinguishing systems malfunctions	89	98	87	87	87
H0243	Analyze environmental fire or overheat detection systems malfunctions	93	100	92	90	90
H0244	Analyze environmental fire suppression systems malfunctions	87	95	85	84	84
H0245	Analyze humidifier systems malfunctions	33	43	31	35	35
H0246	Analyze hydraulic cooling systems malfunctions	73	79	71	48	47
H0247	Analyze oxygen systems malfunctions	91	100	89	90	90
H0248	Analyze pressurization systems malfunctions	94	100	93	96	96
H0249	Analyze rain removal systems malfunctions	55	64	52	40	40
H0250	Analyze underfloor heating systems malfunctions	86	95	84	94	94
H0251	Analyze ventilating systems malfunctions	83	90	81	75	75
H0252	Analyze windshield heat systems malfunctions	88	95	86	94	94
H0253	Monitor environmental fire or overheat detection systems operations	93	98	92	88	88
H0254	Monitor environmental fire suppression systems operations	85	90	84	74	74
H0255	Operate environmental fire extinguishing systems	82	88	81	69	69
H0256	Operate liquid cooling systems	29	29	29	28	28
H0257	Operate rain removal systems	39	48	37	24	24
H0258	Operate or monitor air-conditioning systems	96	100	95	95	95
H0259	Operate or monitor anti-ice systems	95	98	94	94	94
H0260	Operate or monitor avionics or electronic cooling systems	87	90	86	59	58
H0261	Operate or monitor de-ice systems	83	90	81	94	94
H0262	Operate or monitor environmental bleed-air systems	94	98	94	94	94
H0263	Operate or monitor humidifier systems	19	21	18	32	32
H0264	Operate or monitor hydraulic cooling systems	72	71	72	43	42
H0265	Operate or monitor oxygen systems	95	95	95	94	94
H0266	Operate or monitor pressurization systems	97	100	96	97	97
H0267	Operate or monitor underfloor heating systems	92	93	92	95	95
H0268	Operate or monitor ventilating systems	83	88	81	77	77
H0269	Operate or monitor windshield heat systems	80	81	79	91	91
H0270	Perform preflight inspections of air-conditioning systems	96	98	96	90	90
H0271	Perform preflight inspections of anti-ice systems	82	80	84	81	82

H0272 Perform preflight inspections of avionics or
electronic cooling systems

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H0273	Perform preflight inspections of de-ice systems		79	81	78	86
H0274	Perform preflight inspections of environmental bleed-air systems		93	95	93	88
H0275	Perform preflight inspections of environmental fire extinguishing equipment		85	88	84	78
H0276	Perform preflight inspections of environmental fire or overheat detection systems		87	88	87	84
H0277	Perform preflight inspections of environmental fire suppression bottles		81	83	80	78
H0278	Perform preflight inspections of forced-air cooling systems		51	38	54	58
H0279	Perform preflight inspections of liquid cooling systems		29	36	28	28
H0280	Perform preflight inspections of oxygen systems		94	100	93	93
H0281	Perform preflight inspections of pressurization systems		91	88	92	84
H0282	Perform preflight inspections of rain removal systems		47	48	47	29
H0283	Perform preflight inspections of underfloor heating systems		78	74	79	71
H0284	Perform preflight inspections of ventilating systems		74	76	74	55
H0285	Perform preflight inspections of windshield heat systems		74	71	74	68
H0286	Perform unscheduled maintenance on environmental or cooling systems		51	55	50	50
H0287	Perform preflight inspections of humidifier systems		19	24	19	27
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions		78	83	77	71
H0289	Service environmental or cooling systems		30	29	31	35
H0290	Service oxygen systems		26	29	25	44

I PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES

I0291	Analyze automatic flight control systems or autopilot systems malfunctions		87	90	86	86
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats		91	95	90	91
I0293	Analyze primary flight control systems malfunctions		91	98	90	92
I0294	Analyze secondary flight control systems malfunctions, such as trim systems		91	95	90	91
I0295	Monitor automatic flight control systems or autopilot systems operations		88	95	87	84
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats		92	98	91	88
I0297	Monitor flight control position instrument systems operations		87	95	85	86
I0298	Monitor primary flight control systems operations		88	95	88	86

I0299	Monitor secondary flight control systems operations, such as trim systems	89	95	88	86	87
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I0300	Operate flight controls during touch and go's	27	31	26	29	29
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	94	95	93	91	92
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	97	100	96	93	93
I0303	Perform preflight inspections of primary flight control systems	97	100	97	94	95
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	97	98	96	95	95
I0305	Perform unscheduled maintenance on flight control systems	32	31	32	44	44
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	82	88	81	76	76
I0307	Service flight control systems	23	19	24	33	34

J PERFORMING FUEL SYSTEMS ACTIVITIES

J0308	Analyze air refueling systems malfunctions	82	88	80	12	12
J0309	Analyze fuel dump/jettison systems malfunctions	84	81	85	80	80
J0310	Analyze fuel flow systems malfunctions	89	98	87	88	88
J0311	Analyze fuel indicating systems, to include dip stick	86	88	86	89	89
J0312	Analyze fuel inerting systems malfunctions	61	50	63	27	26
J0313	Analyze fuel transfer systems malfunctions	89	95	88	79	79
J0314	Analyze inflight refueling systems malfunctions	83	90	81	22	23
J0315	Analyze single-point refueling systems malfunctions	80	83	79	84	84
J0316	Analyze wing pressurization systems malfunctions	68	67	68	41	40
J0317	Complete fuel logs	95	98	94	90	90
J0318	Inspect fuel for contaminants	42	50	41	56	55
J0319	Inspect fuel tank level and cap security	60	69	58	86	86
J0320	Monitor fuel consumption	95	98	95	95	95
J0321	Monitor fuel dump/jettison systems operations	94	88	95	91	91
J0322	Monitor fuel temperature conditions	84	79	85	45	45
J0323	Monitor nonstandard fuel systems configurations	83	81	84	78	78
J0324	Operate or monitor air refueling systems	87	90	86	22	21
J0325	Operate or monitor fuel flow or transfer systems	95	100	94	90	90
J0326	Operate or monitor fuel indicating systems, to include dip stick	88	83	89	89	89
J0327	Operate or monitor fuel inerting systems	61	48	64	22	22
J0328	Operate or monitor fuel systems using nonstandard fuels	87	79	88	71	71
J0329	Operate or monitor inflight refueling systems	88	93	87	22	21
J0330	Operate or monitor single-point refueling systems	91	95	90	93	93
J0331	Operate or monitor wing pressurization systems	70	69	70	37	37
J0332	Perform fuel system hot weather operations	81	74	83	67	67
J0333	Perform fuel system cold weather operations	87	81	88	72	72
J0334	Perform preflight inspections of fuel indicating	88	82	88	82	82

	systems, to include dip stick					
J0335	Perform preflight inspections of air refueling systems	88	90	87	27	27

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J0336	Perform preflight inspections of external fuel tanks	52	60	51	84	84
J0337	Perform preflight inspections of fuel dump/jettison systems	71	71	71	80	79
J0338	Perform preflight inspections of fuel inerting systems	58	40	61	21	21
J0339	Perform preflight inspections of inflight refueling systems	87	90	86	21	21
J0340	Perform preflight inspections of single-point refueling systems	74	71	74	85	85
J0341	Perform preflight inspections of wing pressurization systems	66	57	68	31	30
J0342	Perform unscheduled maintenance on fuel systems	34	33	34	42	42
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	70	67	71	76	76
J0344	Service fuel systems	60	67	59	73	73

K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES					
K0345	Activate or deactivate body gear steering systems	23	26	23	10	10
K0346	Analyze alternate gear systems malfunctions	64	62	64	41	41
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	91	100	89	88	88
K0348	Analyze LDG castering systems malfunctions	63	62	63	37	36
K0349	Analyze LDG emergency systems malfunctions	86	95	84	81	81
K0350	Analyze LDG kneeling systems malfunctions	57	55	57	10	10
K0351	Analyze LDG normal systems malfunctions	91	95	90	84	84
K0352	Analyze LDG position indicating systems malfunctions	90	95	88	88	88
K0353	Analyze LDG tilt systems malfunctions	30	31	30	10	9
K0354	Analyze LDG wheel assembly malfunctions	74	79	74	73	73
K0355	Analyze nosewheel steering systems malfunctions	89	100	86	83	83
K0356	Install brake deactivation kits	43	40	43	26	26
K0357	Monitor alternate gear extensions or retractions	90	95	89	67	67
K0358	Monitor brake antiskid systems operations	94	100	93	93	92
K0359	Monitor brake pressures	93	93	93	84	84
K0360	Monitor brake temperatures	80	81	79	52	52
K0361	Monitor LDG emergency systems operations	92	93	92	85	85
K0362	Monitor LDG position indicators	95	93	96	93	92
K0363	Monitor LDG system normal extensions or retractions	94	95	94	93	93
K0364	Monitor nosewheel steering systems operations	88	88	88	81	81
K0365	Operate alternate gear systems	71	69	72	60	60
K0366	Operate LDG emergency systems extensions	81	90	78	82	82
K0367	Operate or monitor center-gear systems	41	40	41	16	16
K0368	Operate or monitor LDG castering systems	55	50	56	18	18
K0369	Operate or monitor LDG kneeling systems	59	55	60	11	10
K0370	Operate or monitor LDG tilt systems	22	33	20	8	8
K0371	Perform preflight inspections of center-gear systems	25	22	25	10	10

K0372	Perform preflight inspections of LDG brake or antiskid systems	97	100	96	89	89
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Y Nbr	Task Title		TOT	5	7	TOT
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K0373	Perform preflight inspections of LDG castering systems		62	57	63	20
K0374	Perform preflight inspections of LDG cylinders or snubbers		85	88	85	69
K0375	Perform preflight inspections of LDG doors		93	95	92	94
K0376	Perform preflight inspections of LDG emergency systems		87	93	86	83
K0377	Perform preflight inspections of LDG kneeling systems		59	57	60	12
K0378	Perform preflight inspections of LDG normal systems		91	95	90	81
K0379	Perform preflight inspections of LDG position indicating systems		90	93	90	85
K0380	Perform preflight inspections of LDG tilt systems		20	31	18	10
K0381	Perform preflight inspections of LDG tires		94	95	94	89
K0382	Perform preflight inspections of LDG wheel assemblies		94	95	94	89
K0383	Perform preflight inspections of nosewheel steering systems		91	95	90	90
K0384	Perform unscheduled maintenance on LDG or brake systems		40	33	42	41
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions		79	81	79	75
K0386	Service LDG or brake systems		32	26	33	39

 L PERFORMING MALFUNCTION ANALYSIS DETECTION AND
 RECORDING (MADAR) SYSTEMS ACTIVITIES

L0387	Analyze malfunction analysis detection and recording (MADAR) systems malfunctions		56	55	57	3
L0388	Monitor MADAR systems operations		61	52	62	5
L0389	Perform MADAR communications systems analyses		58	52	59	3
L0390	Perform MADAR electronic systems analyses		58	52	60	3
L0391	Perform MADAR systems engine vibration analyses		61	52	62	3
L0392	Perform MADAR environmental systems analyses		59	52	61	4
L0393	Perform MADAR flight control systems analyses		59	52	61	4
L0394	Perform MADAR flight instrument systems analyses		59	52	61	5
L0395	Perform MADAR hydraulic systems analyses		60	52	62	5
L0396	Perform MADAR landing gear systems analyses		61	52	62	4
L0397	Perform MADAR mechanical systems analyses		60	52	62	3
L0398	Perform MADAR navigation systems analyses		58	48	60	3
L0399	Perform MADAR propulsion power plant systems analyses		59	52	61	3
L0400	Perform MADAR radar systems analyses		58	48	60	4
L0401	Perform operational checks on MADAR systems		58	52	59	4
L0402	Perform preflight inspections of MADAR systems		59	52	60	3
L0403	Perform unscheduled maintenance on MADAR systems		32	24	34	3
L0404	Program MADAR systems		49	36	52	3
L0405	Recommend or perform corrective actions after analyses of MADAR systems malfunctions		52	43	54	4
L0406	Service MADAR systems		26	14	29	3
L0407	Update MADAR systems		41	22	42	2

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M PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES

M0408	Analyze ATM malfunctions	68	64	69	33	32
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	90	90	90	87	87
M0410	Analyze pneudraulic systems malfunctions	70	69	70	64	64
M0411	Analyze power transfer unit (PTU) malfunctions	61	55	62	10	10
M0412	Analyze ram air turbine (RAT) systems malfunctions	58	55	59	6	6
M0413	Analyze rotodome drive mechanism systems malfunctions	18	21	17	7	7
M0414	Operate ATMs	72	67	73	31	30
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	92	90	93	84	84
M0416	Operate or monitor pneudraulic systems to include emergency systems	72	74	71	53	53
M0417	Operate or monitor PTUs	61	57	62	7	7
M0418	Operate or monitor rotodome drive mechanism systems	16	21	15	5	5
M0419	Perform preflight inspections of ATMs	71	69	72	31	31
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	88	86	89	80	79
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	76	74	76	59	59
M0422	Perform preflight inspections of PTUs	61	57	62	4	4
M0423	Perform preflight inspections of RAT systems	54	50	55	5	5
M0424	Perform preflight inspections of rotodome drive mechanism systems	16	21	15	3	3
M0425	Perform unscheduled maintenance on pneudraulic or hydraulic systems, other than cooling systems	50	45	51	35	35
M0426	Recommend or perform corrective actions after analyses of pneudraulic or hydraulic systems malfunctions	76	76	76	58	58
M0427	Service ATM oil systems	44	40	45	20	19
M0428	Service hydraulic systems	76	74	77	74	74
M0429	Service pneumatic systems	34	33	34	35	35

N PERFORMING POWER PLANT SYSTEMS ACTIVITIES

N0430	Adjust engine controls during flight, such as cables or throttle levers	25	29	24	76	75
N0431	Adjust engine controls during take-off	19	17	19	31	30
N0432	Analyze engine bleed-air systems malfunctions	94	95	93	93	93
N0433	Analyze engine control systems malfunctions	91	95	90	90	90
N0434	Analyze engine fire extinguishing systems malfunctions	91	95	90	92	92
N0435	Analyze engine fire or overheat detection systems malfunctions	93	95	92	92	92
N0436	Analyze engine fire suppression systems malfunctions	87	82	86	85	85

N0437 Analyze engine fuel systems malfunctions

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Y Nbr	Task Title	TOT	5	7	TOT	7
N0438	Analyze engine ignition systems malfunctions	94	95	94	93	93
N0439	Analyze engine oil cooler systems malfunctions	90	95	89	93	92
N0440	Analyze engine starter systems malfunctions	94	95	94	95	95
N0441	Analyze engine thrust or torque indicating systems malfunctions	84	81	84	92	92
N0442	Analyze temperature datum (TD) systems malfunctions	35	43	34	84	84
N0443	Analyze thrust reverser systems malfunctions	79	79	79	33	32
N0444	Monitor engine compressor sections operations	78	67	80	63	62
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	95	93	95	98	98
N0446	Monitor engine fire or overheat detection systems operations	96	95	96	96	96
N0447	Monitor engine instrument systems operations	96	95	96	97	97
N0448	Monitor engine thrust or torque indicating systems operations	85	76	87	97	97
N0449	Monitor engine thrust reversing systems operations	85	83	85	49	49
N0450	Monitor engine vibration indicators, other than MADAR systems engine vibration analyses	60	60	60	37	36
N0451	Monitor thrust reverser systems operations	81	79	82	29	29
N0452	Operate TD systems	30	36	29	87	87
N0453	Operate or monitor bleed-air systems	97	95	97	98	98
N0454	Operate or monitor engine fire extinguishing systems	92	95	92	97	97
N0455	Operate or monitor engine fire suppression systems	88	95	87	83	83
N0456	Operate or monitor engine fuel systems	94	95	94	98	98
N0457	Operate or monitor engine ignition systems	88	86	88	94	94
N0458	Perform engine starts, runups, or shutdowns to include alternate procedures	50	50	50	70	70
N0459	Perform operational checks on engine thrust or torque indicating systems	47	48	47	73	73
N0460	Perform preflight inspections of bleed-air systems	95	95	95	97	97
N0461	Perform preflight inspections of engine air intakes	87	79	89	93	93
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	84	83	85	83	83
N0463	Perform preflight inspections of engine cowlings	93	95	92	97	97
N0464	Perform preflight inspections of engine exhaust sections	92	95	92	96	96
N0465	Perform preflight inspections of engine fire extinguishing systems	90	88	90	93	92
N0466	Perform preflight inspections of engine fire or overheat detection systems	94	95	94	97	97
N0467	Perform preflight inspections of engine fire suppression bottles	83	83	83	92	92
N0468	Perform preflight inspections of thrust reverser systems	74	69	76	24	23
N0469	Perform unscheduled maintenance on power plant systems	39	33	40	58	58
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	81	79	81	79	79

N0471	Record entries on engine conditioning monitoring logs	67	64	67	56	55
N0472	Service power plant systems	53	52	53	57	57

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O PERFORMING PROPELLER SYSTEMS ACTIVITIES

00473	Analyze propeller anti-ice or de-ice systems malfunctions	19	21	19	86	86
00474	Analyze propeller governor systems malfunctions	17	21	16	85	85
00475	Analyze propeller negative torque systems malfunctions	17	21	16	86	86
00476	Analyze propeller pitchlock systems malfunctions	17	21	16	83	83
00477	Monitor propeller governor systems operations	17	21	16	86	86
00478	Monitor propeller negative torque systems operations	18	21	17	88	88
00479	Monitor propeller pitchlock systems operations	18	21	17	86	86
00480	Operate or monitor propeller anti-ice or de-ice systems	18	21	17	88	88
00481	Perform operational checks on propeller anti-ice or de-ice systems	17	21	16	88	88
00482	Perform operational checks on propeller feathering systems	16	21	15	82	82
00483	Perform operational checks on propeller negative torque systems	17	21	16	84	84
00484	Perform operational checks on propeller systems controls	16	21	15	79	79
00485	Perform preflight inspections of propeller systems components	15	17	14	78	77
00486	Perform unscheduled maintenance on propeller systems	9	7	10	57	57
00487	Recommend or perform corrective actions after analyses of propeller systems malfunctions	14	17	13	73	73
00488	Service propeller systems	11	12	11	67	67

P PERFORMING SPECIAL MISSION ACTIVITIES

P0489	Analyze dry-air systems malfunctions	8	12	7	10	9
P0490	Arm or de-arm pyrotechnics, such as illumination, smoke, and decoy flares or chaff	26	19	28	14	13
P0491	Arm or de-arm weapons systems	20	21	20	10	9
P0492	Deploy pyrotechnics	29	24	31	10	10
P0493	Deploy rescue equipment	16	26	14	16	16
P0494	Jettison jet assisted take-off (JATO) units	3	5	3	6	6
P0495	Load or offload JATO units	3	5	3	5	5
P0496	Operate or monitor in-flight tracking equipment	5	10	4	9	9
P0497	Operate or monitor infrared countermeasure equipment	10	7	11	14	14
P0498	Operate or monitor JATO units	2	2	2	4	4
P0499	Operate or monitor projected map displays	3	5	3	7	7
P0500	Perform aircraft taxi or reposition procedures	22	24	22	30	29
P0501	Perform airdrop checklist procedures, other than for high-altitude low-opening (HALO) paratroops	16	24	14	81	81

P0502 Perform atmospheric sampling operations

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P0503	Perform flight tests for new flight procedures or equipment validations	11	7	12	20	19
P0504	Perform HALO paradrop checklist procedures	13	19	11	69	69
P0505	Perform hurricane or typhoon penetration operations	6	5	7	5	5
P0506	Perform insertion or extraction operations	8	10	7	21	21
P0507	Perform low-altitude parachute extraction system (LAPES) operations	3	0	3	10	10
P0508	Perform night vision goggle operations	10	10	10	20	21
P0509	Perform range support operations	4	5	4	13	13
P0510	Perform remote site landings or take-offs, such as unimproved or substandard runways	16	24	14	71	71
P0511	Perform search and rescue (SAR) operations	18	21	17	29	28
P0512	Perform special operations low-level (SOLL) operations	8	10	8	15	15
P0513	Perform water sampling operations	2	2	2	5	5
P0514	Perform operational checks on special mission equipment	11	12	11	12	12
P0515	Perform preflight inspections of ammunition or pyrotechnics	19	10	22	20	21
P0516	Perform preflight inspections of JATO units	3	2	3	6	6
P0517	Perform preflight inspections of overhead delivery systems (ODSs)	3	2	3	5	5
P0518	Reconfigure aircraft for special missions	13	17	12	29	29
P0519	Remove or replace special mission equipment components	10	10	10	18	18

Q PERFORMING EMERGENCY PROCEDURE ACTIVITIES

Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	77	79	76	66	66
Q0521	Perform, practice, or simulate air refueling system emergency procedures	79	81	78	14	14
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	93	93	93	84	84
Q0523	Perform, practice, or simulate APU or GTC fire procedures	93	95	92	87	87
Q0524	Perform, practice, or simulate bailout or ditching procedures	84	90	82	82	82
Q0525	Perform, practice, or simulate cabin fire procedures	90	90	90	82	82
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	93	95	92	87	87
Q0527	Perform, practice, or simulate electrical system emergency procedures	94	95	94	90	90
Q0528	Perform, practice, or simulate emergency driftdown procedures	76	69	77	63	62
Q0529	Perform, practice, or simulate emergency engine procedures	94	93	94	91	91
Q0530	Perform, practice, or simulate emergency ditching	66	60	68	61	60

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		TOT	5	7	TOT	7
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	82	86	81	71	71
Q0532	Perform, practice, or simulate flight control system emergency procedures	91	90	91	82	82
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	90	88	90	84	84
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	90	93	90	85	85
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	94	95	94	91	91
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	92	93	92	88	88
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	94	95	94	89	89
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	93	90	93	84	84
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	76	83	75	65	64
Q0540	Perform, practice, or simulate propeller failure procedures	30	31	30	81	81
Q0541	Perform, practice, or simulate rapid descent procedures	87	81	88	74	74
Q0542	Perform, practice, or simulate smoke elimination procedures	92	90	93	88	88
Q0543	Perform, practice, or simulate thrust reverser failure procedures	80	83	79	34	34
Q0544	Perform, practice, or simulate wing fire procedures	92	93	92	84	84
Q0545	Perform, practice, or simulate movement of crewmembers or passengers during emergency procedures	70	69	70	61	60
Q0546	Recommend corrective actions for ground emergency conditions	85	86	85	80	79
Q0547	Recommend corrective actions for inflight emergency conditions	90	90	90	86	86
Q0548	Report emergency conditions	90	95	88	86	86

R	PERFORMING EVALUATION ACTIVITIES					
R0549	Develop or administer aircrew testing	23	12	25	22	23
R0550	Compile data for records, reports, logs, or trend analyses	55	48	56	54	55
R0551	Complete accident or incident reports	36	33	37	26	26
R0552	Conduct inflight or ground evaluations	23	17	24	26	26
R0553	Evaluate aircraft engineering change proposals (ECPs)	8	7	8	9	9
R0554	Evaluate contractor-developed programs	10	7	11	9	9
R0555	Evaluate inspection report findings or inspection	10	10	11	11	11

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R0556	Initiate flightcrew information file (FCIF) programs	10	12	10	16	16
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T Tsk		AFRC	AFRC	AFRC	ANG	ANG
Y Nbr	Task Title	TOT	5	7	TOT	7
R0557	Maintain FCIFs	20	19	20	24	25
R0558	Maintain flight evaluation folders (FEFs)	11	12	11	16	16
R0559	Operate or monitor simulator or air training devices (ATD) for aircrew evaluations	10	5	11	16	16

S PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER
 (TO) SYSTEM ACTIVITIES

S0560	Complete activity reports	21	21	21	16	16
S0561	Complete ground safety reports or occupational hazard reports (OHRs)	26	17	28	15	15
S0562	Coordinate enroute base support with ground agencies	27	26	28	20	20
S0563	Destroy classified materials or documents	15	19	14	16	16
S0564	Establish or maintain automated technical order management system (ATOMS) accounts	8	12	7	7	7
S0565	Identify and report suspected security compromises	43	40	43	44	44
S0566	Initiate classified reports, messages, or documents	7	12	6	7	8
S0567	Initiate or maintain standby rosters or workcenter pyramid recall rosters	14	10	15	13	13
S0568	Initiate requests for temporary duty (TDY) orders	19	10	22	40	40
S0569	Inventory classified materials or documents	10	12	9	7	8
S0570	Maintain administrative files	21	19	21	22	22
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	75	71	76	78	77
S0572	Maintain personnel rosters	20	17	21	24	24
S0573	Maintain publications libraries, such as TO libraries or time compliance technical orders (TCTOs)	19	14	20	25	25
S0574	Maintain or update status indicators, such as boards, graphs, or charts	21	17	22	35	35
S0575	Participate in TCTO meetings	4	7	4	12	12
S0576	Prepare administrative or classified materials or documents for mailing, transporting, or issue	6	7	6	10	10
S0577	Review FCIFs	80	81	80	74	74
S0578	Review or submit TO changes	44	36	46	45	45
S0579	Write minutes of briefings, conferences, or meetings	14	5	16	16	16

T PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES

T0580	Coordinate supply requests with supply activities	11	10	12	16	16
T0581	Coordinate maintenance of equipment with appropriate agencies	26	19	27	30	30
T0582	Develop equipment checklists	10	7	10	12	12
T0583	Evaluate serviceability of equipment, tools, parts, or supplies	33	38	32	30	30
T0584	Identify and report equipment or supply problems	21	17	22	20	20

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Y Nbr	Task Title		TOT	5	7	TOT
T0585	Initiate requisitions for equipment, tools, parts, or supplies		12	12	12	25
T0586	Inventory equipment, tools, parts, or supplies, other than tool kits		23	21	23	33
T0587	Issue or log turn-ins of equipment, tools, parts, or supplies		9	12	8	16
T0588	Maintain documentation on items requiring periodic inspections or calibrations		9	14	8	12
T0589	Maintain organizational equipment or supply records		7	10	6	10
T0590	Pick up, deliver, or store equipment, tools, parts, or supplies		15	12	15	25

 U PERFORMING TRAINING ACTIVITIES

U0591	Administer or score tests, other than aircrew testing		10	5	11	12
U0592	Brief personnel concerning training programs or matters		21	7	24	26
U0593	Complete student entry or withdrawal forms		13	2	15	16
U0594	Conduct formal course classroom training		18	10	20	24
U0595	Conduct job proficiency training		31	19	34	34
U0596	Conduct refresher, tactical, or special mission training		29	17	32	46
U0597	Conduct requalification or transition training		29	14	33	41
U0598	Counsel trainees on training progress		31	14	34	39
U0599	Determine training requirements		26	12	30	33
U0600	Develop formal course curricula, plans of instruction (POIs), or specialty training standards (STSS)		6	2	7	8
U0601	Develop training programs, plans, or procedures		19	10	21	22
U0602	Develop written tests		13	5	15	19
U0603	Develop or procure training materials or aids		20	12	22	27
U0604	Establish or maintain study reference files		20	10	22	17
U0605	Evaluate training methods or techniques of instructors		14	5	16	18
U0606	Evaluate effectiveness of training programs, plans, or procedures		16	5	18	16
U0607	Evaluate progress of trainees		25	2	30	30
U0608	Inspect training materials or aids for operation or suitability		16	2	20	26
U0609	Maintain training records or files		29	12	32	29
U0610	Operate or monitor simulators or ATDs, other than for aircrew evaluations		9	7	10	8
U0611	Participate in currency training seminars		28	26	29	29
U0612	Personalize lesson plans		22	7	25	29
U0613	Select individuals for specialized training		13	7	14	16
U0614	Write training reports		21	7	24	22

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V PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES

V0615	Annotate man-hour accounting forms	9	10	8	7	7
V0616	Annotate time and attendance sheets for civilian employees	6	5	6	8	8
V0617	Approve or coordinate Reserve training activities	15	2	18	9	9
V0618	Assign personnel to work areas or duty positions	19	5	22	12	12
V0619	Assign sponsors for newly assigned personnel	8	5	9	7	7
V0620	Brief unit commander on status of flight engineer activities, other than training	14	0	17	15	15
V0621	Certify duty performance for payroll	11	2	13	15	15
V0622	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	11	2	13	14	14
V0623	Conduct self-inspections or self-assessments	23	12	26	25	25
V0624	Conduct staff assistance visits, inspections, or audits	6	2	7	5	5
V0625	Conduct supervisory performance feedback sessions	19	10	21	6	6
V0626	Conduct safety inspections of equipment or facilities	15	10	16	16	16
V0627	Conduct supervisory orientations for newly assigned personnel	13	7	14	9	9
V0628	Coordinate crew assignments with flight scheduling	18	7	20	29	29
V0629	Counsel subordinates concerning personal matters	22	10	24	22	23
V0630	Determine or establish logistics requirements, such as personnel, equipment, tools, parts, supplies, or workspace	11	5	13	16	16
V0631	Determine or establish work assignments or priorities	21	10	23	15	15
V0632	Develop flight scheduling methods	13	2	15	18	18
V0633	Develop organizational or functional charts	7	5	7	10	10
V0634	Develop resource protection programs	5	2	6	5	5
V0635	Develop self-inspection or self-assessment program checklists	7	2	8	9	9
V0636	Develop inputs to mobility, contingency, disaster preparedness, or unit emergency or alert plans	6	5	6	11	11
V0637	Develop or establish work methods or procedures	14	7	16	15	15
V0638	Develop or establish work schedules	15	7	16	16	16
V0639	Document aircraft usage for structural integrity program	26	19	27	37	37
V0640	Draft budget requirements, including for payroll or equipment	3	2	3	6	6
V0641	Draft host-tenant or interservice agreements	3	2	3	3	3
V0642	Draft supplements or changes to directives, such as policy directives, instructions, or manuals	8	2	9	6	6
V0643	Establish organizational policies, such as operating instructions (OIs) or standard operating procedures (SOPs)	5	5	5	7	8

V0644 Establish or manage flight or ground currency
requirements

16 5 19 18 18

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T Tsk		AFRC	AFRC	AFRC	ANG	ANG
Y Nbr	Task Title	TOT	5	7	TOT	7
V0645	Establish performance standards for subordinates	13	5	15	10	10
V0646	Establish procedures for accountability of equipment, tools, parts, or supplies	8	2	10	7	8
V0647	Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) program	9	7	10	7	7
V0648	Evaluate operational readiness of crewmembers or aircraft	19	7	22	20	20
V0649	Evaluate personnel for compliance with performance standards	18	2	22	17	17
V0650	Evaluate personnel for promotion, demotion, reclassification, or special awards	13	7	15	8	8
V0651	Evaluate quality assurance procedures	6	2	7	6	6
V0652	Evaluate maintenance or utilization of equipment, tools, parts, supplies, or workspace	5	2	6	10	10
V0653	Implement safety or security programs	14	10	15	10	10
V0654	Initiate personnel action requests	6	2	7	8	8
V0655	Initiate actions required due to substandard performance of personnel	12	2	14	9	9
V0656	Inspect personnel for compliance with military standards	29	10	33	26	26
V0657	Interpret policies, directives, or procedures for subordinates	26	10	30	20	21
V0658	Investigate accidents or incidents	6	2	7	5	5
V0659	Monitor contractors compliance with Air Force contracts	4	2	4	5	5
V0660	Perform recruiting activities	14	5	16	20	20
V0661	Plan layouts of facilities	5	2	6	5	5
V0662	Review budget requirements	3	2	3	5	5
V0663	Review maintenance reports	13	10	14	18	18
V0664	Review mobility, contingency, disaster preparedness, or unit emergency or alert plans	10	7	10	12	12
V0665	Review drafts of supplements or changes to directives, such as policy directives, instructions, or manuals	9	5	10	16	16
V0666	Schedule personnel for TDY assignments, leaves, or passes	13	5	15	18	18
V0667	Verify flight or ground requirements completions	27	19	29	24	24
V0668	Write inspection reports	6	5	7	5	5
V0669	Write job or position descriptions	7	7	7	6	6
V0670	Write staff studies, surveys, or routine reports, other than training or inspection reports	4	5	4	3	3
V0671	Write or indorse civilian performance appraisals	3	2	3	3	3
V0672	Write or indorse military performance reports	18	5	21	5	5
V0673	Write recommendations for awards or decorations	17	10	19	8	8
V0674	Write replies to inspection reports	5	2	6	4	4

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Variable/Group Distributions -----

The percent of reported group members who responded to background questions are presented under the column headings for the appropriate group. The displayed data summarizes information about the people in each group.

Reports on the following groups were requested:

gp0011: All Air Reserve Airmen with DAFSC 1A1X1C	(n = 231)
gp0012: All Air Reserve Airmen with DAFSC 1A151C	(n = 42)
gp0013: All Air Reserve Airmen with DAFSC 1A171C	(n = 189)
gp0008: All Air Guard Airmen with DAFSC 1A1X1C	(n = 147)
gp0010: All Air Guard Airmen with DAFSC 1A171C	(n = 146)

C0007 Number of valid task responses

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Mean in range:	375.59	372.67	376.24	346.95	346.51
S.D. in range:	97.00	84.13	99.62	87.78	87.91

V0004 Sex

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Male	96 %	98 %	96 %	95 %	95 %
Female	4 %	2 %	4 %	5 %	5 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0005 Enlisted Grade

		AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages		gp0011	gp0012	gp0013	gp0008	gp0010
AB	(E-1)	0 %	0 %	0 %	0 %	0 %
AMN	(E-2)	0 %	0 %	0 %	0 %	0 %
AlC	(E-3)	0 %	0 %	0 %	0 %	0 %
Sra/Sgt	(E-4)	1 %	5 %	0 %	0 %	0 %
SSgt	(E-5)	11 %	55 %	2 %	12 %	12 %
TSgt	(E-6)	44 %	40 %	44 %	35 %	35 %
MSgt	(E-7)	42 %	0 %	51 %	52 %	53 %
SMSgt	(E-8)	3 %	0 %	3 %	1 %	1 %
CMSgt	(E-9)	0 %	0 %	0 %	0 %	0 %
	Other:	0 %	0 %	0 %	0 %	0 %
Total in group:		231*	42*	189*	147*	146*
Mean in range:		6.34	5.36	6.56	6.42	6.42
S.D. in range:		.74	.57	.58	.70	.70

V0009 Number supervised

		AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages		gp0011	gp0012	gp0013	gp0008	gp0010
	0	71 %	95 %	66 %	82 %	82 %
	1	3 %	0 %	4 %	7 %	7 %
	2	5 %	0 %	6 %	1 %	1 %
	3	3 %	0 %	4 %	1 %	1 %
	4	3 %	0 %	3 %	1 %	1 %
	5	3 %	0 %	4 %	3 %	3 %
	6	3 %	0 %	4 %	1 %	1 %
	7	1 %	2 %	1 %	1 %	1 %
	8	1 %	2 %	1 %	0 %	0 %
	9	0 %	0 %	1 %	1 %	1 %
	10	1 %	0 %	2 %	1 %	1 %
	11	0 %	0 %	0 %	0 %	0 %
	12	0 %	0 %	1 %	1 %	1 %
	13	0 %	0 %	0 %	0 %	0 %
	14	0 %	0 %	1 %	0 %	0 %
	15	1 %	0 %	1 %	0 %	0 %
	16	0 %	0 %	1 %	0 %	0 %
	17	0 %	0 %	1 %	0 %	0 %
	18	0 %	0 %	0 %	0 %	0 %
	19	0 %	0 %	0 %	0 %	0 %
	20	0 %	0 %	0 %	1 %	1 %
	21	0 %	0 %	0 %	0 %	0 %

Continued on next page.

V0009 Number supervised

(continued)

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
22	0 %	0 %	0 %	0 %	0 %
23	0 %	0 %	0 %	0 %	0 %
24	0 %	0 %	0 %	0 %	0 %
25	0 %	0 %	0 %	0 %	0 %
26	0 %	0 %	0 %	0 %	0 %
27	0 %	0 %	0 %	0 %	0 %
28	0 %	0 %	0 %	0 %	0 %
29	1 %	0 %	2 %	1 %	1 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*
Mean in range:	1.81	.36	2.13	1.03	1.04
S.D. in range:	4.40	1.60	4.74	3.48	3.50

V0010 Time in present job

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
1 12	0 %	0 %	0 %	0 %	0 %
13 24	0 %	0 %	0 %	0 %	0 %
25 36	0 %	0 %	1 %	0 %	0 %
37 48	0 %	0 %	0 %	0 %	0 %
49 96	0 %	0 %	0 %	0 %	0 %
97 144	0 %	0 %	0 %	0 %	0 %
145 192	0 %	0 %	0 %	0 %	0 %
193 240	0 %	0 %	0 %	0 %	0 %
241 261	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*
Mean in range:	34.00	.00	34.00	.00	.00
S.D. in range:	.00	.00	.00	.00	.00

V0011 Total time in career field (TICF)

		AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval	Percentages					
1	12	0 %	0 %	0 %	0 %	0 %
13	24	0 %	0 %	0 %	0 %	0 %
25	36	0 %	0 %	0 %	0 %	0 %
37	48	0 %	0 %	0 %	0 %	0 %
49	96	0 %	0 %	0 %	0 %	0 %
97	144	0 %	0 %	0 %	0 %	0 %
145	192	0 %	0 %	1 %	0 %	0 %
193	240	0 %	0 %	0 %	0 %	0 %
241	288	0 %	0 %	0 %	0 %	0 %
289	307	0 %	0 %	0 %	0 %	0 %
Other:		100 %	100 %	99 %	100 %	100 %
Total in group:		231*	42*	189*	147*	146*
Mean in range:		166.00	.00	166.00	.00	.00
S.D. in range:		.00	.00	.00	.00	.00

V0014 Total Active Federal Military Service (TAFMS)

		AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval	Percentages					
1	12	0 %	0 %	0 %	0 %	0 %
13	24	0 %	0 %	0 %	0 %	0 %
25	36	0 %	0 %	0 %	0 %	0 %
37	48	0 %	0 %	0 %	0 %	0 %
49	96	0 %	0 %	0 %	0 %	0 %
97	144	0 %	0 %	0 %	0 %	0 %
145	192	0 %	0 %	0 %	0 %	0 %
193	240	0 %	0 %	1 %	0 %	0 %
241	288	0 %	0 %	0 %	0 %	0 %
289	327	0 %	0 %	0 %	0 %	0 %
Other:		100 %	100 %	99 %	100 %	100 %
Total in group:		231*	42*	189*	147*	146*
Mean in range:		222.00	.00	222.00	.00	.00
S.D. in range:		.00	.00	.00	.00	.00

V0023 Enlisted Duty AFSC prefix

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
K	15 %	0 %	19 %	7 %	8 %
Q	1 %	0 %	2 %	1 %	1 %
Other:	84 %	100 %	80 %	92 %	92 %
Total in group:	231*	42*	189*	147*	146*

V0024 Enlisted Duty AFSC with suffix

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
1A151C	18 %	100 %	0 %	1 %	0 %
1A171C	82 %	0 %	100 %	99 %	100 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0029 MAJCOM or operating agency

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
USAFE	0 %	0 %	0 %	0 %	0 %
PACAF	0 %	0 %	0 %	0 %	0 %
ACC	0 %	0 %	0 %	0 %	0 %
AFMC	0 %	0 %	0 %	0 %	0 %
ANG UNIT	0 %	0 %	0 %	100 %	100 %
AETC	0 %	0 %	0 %	0 %	0 %
AFSOC	0 %	0 %	0 %	0 %	0 %
AMC	0 %	0 %	0 %	0 %	0 %
EUR	0 %	0 %	0 %	0 %	0 %
AFRES UNIT	100 %	100 %	100 %	0 %	0 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0030 Assigned to base/installation outside continental U.S.

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	7 %	0 %	8 %	9 %	9 %
No	93 %	100 %	92 %	91 %	91 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0031 How do you find your job

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Dull	0 %	0 %	1 %	1 %	1 %
So-So	2 %	0 %	3 %	1 %	1 %
Interesting	97 %	100 %	97 %	99 %	99 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0032 How does your job utilize your talents

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
None to very little	2 %	0 %	2 %	2 %	2 %
Fairly to very well	49 %	43 %	51 %	46 %	47 %
Excellent to perfect	49 %	57 %	47 %	52 %	51 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0033 How does your job utilize your training

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
None to very little	2 %	0 %	2 %	0 %	0 %
Fairly to very well	39 %	29 %	42 %	41 %	41 %
Excellent to perfect	59 %	71 %	56 %	59 %	59 %

Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0034 How satisfied with sense of accomplishment from work

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Dissatisfied	4 %	5 %	4 %	1 %	1 %
Neutral	3 %	0 %	4 %	3 %	3 %
Satisfied	93 %	95 %	93 %	95 %	95 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0035 Do you plan to reenlist at end of current enlistment

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Will retire	17 %	5 %	20 %	10 %	10 %
No or probably no	7 %	5 %	7 %	4 %	4 %
Yes or probably yes	76 %	90 %	72 %	86 %	86 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0036 Separate factor(s) - Military lifestyle

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	1 %	1 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	2 %	2 %	2 %	0 %	0 %
Other:	97 %	98 %	97 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0037 Separate factor(s) - Pay and allowances

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	2 %	1 %	1 %
Moderate	2 %	5 %	1 %	0 %	0 %
Strong influence	1 %	0 %	2 %	1 %	1 %
Other:	96 %	95 %	96 %	98 %	98 %
Total in group:	231*	42*	189*	147*	146*

V0038 Separate factor(s) - Bonus or special pay

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	0 %	0 %
Moderate	2 %	5 %	2 %	1 %	1 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	97 %	95 %	97 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0039 Separate factor(s) - Retirement benefits

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	1 %	2 %	1 %	1 %	1 %
Strong influence	3 %	2 %	3 %	1 %	1 %
Other:	96 %	95 %	96 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0040 Separate factor(s) - Military related education/training opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	1 %	1 %
Other:	99 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0041 Separate factor(s) - Off-duty education and training opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	100 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0042 Separate factor(s) - Medical or dental care for AD member

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	1 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	99 %	100 %	98 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0043 Separate factor(s) - Medical care or dental care for family members

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	2 %	0 %	0 %	0 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	99 %	98 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0044 Separate factor(s) - Base housing

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0045 Separate factor(s) - Base services

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	100 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0046 Separate factor(s) - Childcare needs

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0047 Separate factor(s) - Spouse's career

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0048 Separate factor(s) - Civilian job opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	3 %	2 %	3 %	1 %	1 %
Other:	97 %	98 %	97 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0049 Separate factor(s) - Equal employment opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0050 Separate factor(s) - Number of PCS moves

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0051 Separate factor(s) - Location of present assignment

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0052 Separate factor(s) - Number/duration of TDYs or deployments

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	1 %	0 %	1 %	0 %	0 %
Strong influence	1 %	0 %	1 %	0 %	0 %
Other:	98 %	100 %	98 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0053 Separate factor(s) - Work schedule

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	1 %	1 %
Moderate	1 %	0 %	2 %	0 %	0 %
Strong influence	1 %	0 %	1 %	0 %	0 %
Other:	98 %	100 %	97 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0054 Separate factor(s) - Additional duties

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	98 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0055 Separate factor(s) - Job security

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	1 %	1 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0056 Separate factor(s) - Enlisted evaluation system

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	1 %	2 %	1 %	0 %	0 %
Other:	99 %	98 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0057 Separate factor(s) - Promotion opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	1 %	2 %	1 %	1 %	1 %
Strong influence	2 %	2 %	2 %	0 %	0 %
Other:	97 %	95 %	98 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0058 Separate factor(s) - Training/experience of unit personnel

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0059 Separate factor(s) - Unit manning

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0060 Separate factor(s) - Unit resources

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	100 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0061 Separate factor(s) - Unit readiness

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0062 Separate factor(s) - Recognition of efforts

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	2 %	1 %	1 %	1 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	99 %	98 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0063 Separate factor(s) - Esprit de corps/morale

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	2 %	1 %	1 %	1 %
Moderate	0 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	99 %	98 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0064 Separate factor(s) - Leadership of immediate supervisor

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0065 Separate factor(s) - Leadership at unit level

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	1 %	0 %	2 %	0 %	0 %
Other:	98 %	100 %	98 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0066 Separate factor(s) - Senior Air Force leadership

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	1 %	2 %	1 %	0 %	0 %
Strong influence	1 %	0 %	2 %	0 %	0 %
Other:	98 %	98 %	98 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0067 Reenlist factor(s) - Military lifestyle

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	5 %	5 %	5 %	5 %	5 %
Moderate	8 %	10 %	7 %	13 %	13 %
Strong influence	13 %	19 %	11 %	16 %	16 %
Other:	74 %	67 %	76 %	66 %	66 %
Total in group:	231*	42*	189*	147*	146*

V0068 Reenlist factor(s) - Pay and allowances

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	0 %	3 %	7 %	7 %
Moderate	20 %	24 %	20 %	15 %	15 %
Strong influence	19 %	21 %	18 %	29 %	29 %
Other:	59 %	55 %	60 %	49 %	49 %
Total in group:	231*	42*	189*	147*	146*

V0069 Reenlist factor(s) - Bonus or special pay

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	5 %	1 %	2 %	2 %
Moderate	6 %	5 %	6 %	10 %	10 %
Strong influence	11 %	21 %	9 %	19 %	19 %
Other:	81 %	69 %	84 %	69 %	69 %
Total in group:	231*	42*	189*	147*	146*

V0070 Reenlist factor(s) - Retirement benefits

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	3 %	0 %	3 %	3 %	3 %
Moderate	19 %	24 %	17 %	11 %	11 %
Strong influence	28 %	36 %	26 %	35 %	35 %
Other:	51 %	40 %	53 %	51 %	51 %
Total in group:	231*	42*	189*	147*	146*

V0071 Reenlist factor(s) - Military related education/training opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	4 %	5 %	4 %	4 %	4 %
Moderate	13 %	26 %	10 %	14 %	14 %
Strong influence	6 %	7 %	5 %	18 %	18 %
Other:	78 %	62 %	81 %	64 %	64 %
Total in group:	231*	42*	189*	147*	146*

V0072 Reenlist factor(s) - Off-duty education and training opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	3 %	2 %	3 %	5 %	5 %
Moderate	6 %	10 %	6 %	9 %	9 %
Strong influence	9 %	17 %	7 %	10 %	10 %
Other:	82 %	71 %	84 %	76 %	75 %
Total in group:	231*	42*	189*	147*	146*

V0073 Reenlist factor(s) - Medical or dental care for AD member

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	2 %	1 %	1 %	1 %
Moderate	2 %	2 %	2 %	0 %	0 %
Strong influence	2 %	2 %	2 %	5 %	5 %
Other:	96 %	93 %	96 %	95 %	95 %
Total in group:	231*	42*	189*	147*	146*

V0074 Reenlist factor(s) - Medical care or dental care for family members

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	2 %	0 %	1 %	1 %
Moderate	1 %	0 %	2 %	1 %	1 %
Strong influence	3 %	2 %	4 %	6 %	6 %
Other:	95 %	95 %	95 %	92 %	92 %
Total in group:	231*	42*	189*	147*	146*

V0075 Reenlist factor(s) - Base housing

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	2 %	0 %	0 %	0 %
Strong influence	0 %	0 %	0 %	0 %	0 %
Other:	100 %	98 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0076 Reenlist factor(s) - Base services

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	5 %	2 %	1 %	1 %
Moderate	2 %	5 %	2 %	2 %	2 %
Strong influence	4 %	7 %	3 %	2 %	2 %
Other:	92 %	83 %	94 %	95 %	95 %
Total in group:	231*	42*	189*	147*	146*

V0077 Reenlist factor(s) - Childcare needs

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	0 %	0 %	0 %	0 %	0 %
Strong influence	0 %	2 %	0 %	0 %	0 %
Other:	100 %	98 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0078 Reenlist factor(s) - Spouse's career

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	2 %	1 %	0 %	0 %
Moderate	1 %	0 %	1 %	0 %	0 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	98 %	98 %	98 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0079 Reenlist factor(s) - Civilian job opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	4 %	7 %	4 %	4 %	4 %
Moderate	8 %	7 %	8 %	7 %	7 %
Strong influence	12 %	14 %	12 %	18 %	18 %
Other:	76 %	71 %	77 %	71 %	71 %
Total in group:	231*	42*	189*	147*	146*

V0080 Reenlist factor(s) - Equal employment opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	1 %	1 %
Moderate	2 %	2 %	2 %	3 %	3 %
Strong influence	3 %	5 %	2 %	0 %	0 %
Other:	95 %	93 %	95 %	96 %	96 %
Total in group:	231*	42*	189*	147*	146*

V0081 Reenlist factor(s) - Number of PCS moves

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	0 %	0 %
Moderate	0 %	0 %	0 %	1 %	1 %
Strong influence	0 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	98 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0082 Reenlist factor(s) - Location of present assignment

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	5 %	1 %	3 %	3 %
Moderate	6 %	12 %	5 %	7 %	8 %
Strong influence	13 %	10 %	13 %	22 %	23 %
Other:	80 %	74 %	81 %	67 %	67 %
Total in group:	231*	42*	189*	147*	146*

V0083 Reenlist factor(s) - Number/duration of TDYs or deployments

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	2 %	4 %	4 %
Moderate	8 %	19 %	6 %	8 %	8 %
Strong influence	8 %	10 %	8 %	10 %	10 %
Other:	82 %	71 %	85 %	78 %	77 %
Total in group:	231*	42*	189*	147*	146*

V0084 Reenlist factor(s) - Work schedule

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	5 %	2 %	5 %	5 %
Moderate	12 %	14 %	12 %	9 %	9 %
Strong influence	11 %	17 %	10 %	20 %	20 %
Other:	74 %	64 %	77 %	65 %	66 %
Total in group:	231*	42*	189*	147*	146*

V0085 Reenlist factor(s) - Additional duties

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	2 %	2 %
Moderate	3 %	2 %	3 %	6 %	6 %
Strong influence	1 %	0 %	2 %	7 %	7 %
Other:	95 %	98 %	95 %	85 %	85 %
Total in group:	231*	42*	189*	147*	146*

V0086 Reenlist factor(s) - Job security

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	0 %	2 %	2 %	2 %
Moderate	10 %	12 %	10 %	12 %	12 %
Strong influence	16 %	19 %	15 %	27 %	27 %
Other:	73 %	69 %	74 %	59 %	59 %
Total in group:	231*	42*	189*	147*	146*

V0087 Reenlist factor(s) - Enlisted evaluation system

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	2 %	1 %	0 %	0 %
Moderate	0 %	0 %	0 %	1 %	1 %
Strong influence	0 %	0 %	1 %	1 %	1 %
Other:	99 %	98 %	99 %	97 %	97 %
Total in group:	231*	42*	189*	147*	146*

V0088 Reenlist factor(s) - Promotion opportunities

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	2 %	2 %	2 %
Moderate	6 %	14 %	5 %	10 %	10 %
Strong influence	7 %	14 %	6 %	20 %	20 %
Other:	85 %	71 %	88 %	69 %	68 %
Total in group:	231*	42*	189*	147*	146*

V0089 Reenlist factor(s) - Training/experience of unit personnel

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	2 %	3 %	3 %
Moderate	5 %	5 %	5 %	7 %	8 %
Strong influence	7 %	14 %	6 %	8 %	8 %
Other:	87 %	81 %	88 %	81 %	81 %
Total in group:	231*	42*	189*	147*	146*

V0090 Reenlist factor(s) - Unit manning

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	5 %	2 %	3 %	3 %
Moderate	1 %	2 %	1 %	2 %	2 %
Strong influence	0 %	0 %	1 %	4 %	4 %
Other:	96 %	93 %	97 %	90 %	90 %
Total in group:	231*	42*	189*	147*	146*

V0091 Reenlist factor(s) - Unit resources

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	1 %	1 %
Moderate	2 %	5 %	2 %	3 %	3 %
Strong influence	1 %	2 %	1 %	5 %	5 %
Other:	96 %	93 %	97 %	90 %	90 %
Total in group:	231*	42*	189*	147*	146*

V0092 Reenlist factor(s) - Unit readiness

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	1 %	1 %
Moderate	3 %	5 %	2 %	1 %	1 %
Strong influence	3 %	5 %	3 %	6 %	6 %
Other:	94 %	90 %	94 %	91 %	91 %
Total in group:	231*	42*	189*	147*	146*

V0093 Reenlist factor(s) - Recognition of efforts

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	2 %	2 %	2 %	1 %	1 %
Moderate	7 %	10 %	7 %	5 %	5 %
Strong influence	7 %	12 %	6 %	12 %	12 %
Other:	84 %	76 %	85 %	81 %	82 %
Total in group:	231*	42*	189*	147*	146*

V0094 Reenlist factor(s) - Esprit de corps/morale

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	1 %	0 %	1 %	1 %	1 %
Moderate	13 %	17 %	13 %	13 %	13 %
Strong influence	19 %	12 %	20 %	25 %	25 %
Other:	67 %	71 %	66 %	61 %	61 %
Total in group:	231*	42*	189*	147*	146*

V0095 Reenlist factor(s) - Leadership of immediate supervisor

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	1 %	1 %
Moderate	7 %	7 %	7 %	12 %	12 %
Strong influence	8 %	7 %	8 %	16 %	16 %
Other:	85 %	86 %	85 %	71 %	71 %
Total in group:	231*	42*	189*	147*	146*

V0096 Reenlist factor(s) - Leadership at unit level

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	0 %	0 %	0 %
Moderate	5 %	7 %	4 %	10 %	10 %
Strong influence	5 %	5 %	5 %	10 %	10 %
Other:	90 %	88 %	91 %	81 %	81 %
Total in group:	231*	42*	189*	147*	146*

V0097 Reenlist factor(s) - Senior Air Force leadership

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Slight influence	0 %	0 %	1 %	0 %	0 %
Moderate	0 %	2 %	0 %	3 %	3 %
Strong influence	3 %	5 %	2 %	6 %	6 %
Other:	97 %	93 %	97 %	90 %	90 %
Total in group:	231*	42*	189*	147*	146*

V0098 Deployments completed in support of contingencies/exercises past 12 months

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
None	45 %	45 %	44 %	31 %	30 %
1 deployment	13 %	7 %	14 %	29 %	29 %
2 deployments	10 %	10 %	11 %	20 %	20 %
3 deployments	8 %	10 %	8 %	5 %	5 %
4 deployments	5 %	2 %	5 %	5 %	5 %
5 deployments	1 %	0 %	2 %	2 %	2 %
6 deployments or mor	18 %	26 %	16 %	8 %	8 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0099 Days spent TDY in support of contingencies/exercises during past 12 months

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
30 days or less	16 %	10 %	18 %	20 %	20 %
31 - 59 days	11 %	14 %	11 %	22 %	23 %
60 - 89 days	10 %	12 %	9 %	17 %	17 %
90 - 119 days	7 %	12 %	6 %	5 %	5 %
120 - 149 days	5 %	2 %	5 %	3 %	3 %
150 - 179 days	2 %	2 %	2 %	1 %	1 %
180 days or more	4 %	2 %	4 %	1 %	1 %
Other:	45 %	45 %	44 %	31 %	30 %
Total in group:	231*	42*	189*	147*	146*

V0100 Job title which best describes highest level of crew qualification

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
None	10 %	14 %	9 %	1 %	1 %
Basic	13 %	17 %	12 %	9 %	9 %
Evaluator	10 %	0 %	13 %	12 %	12 %
Instructor	19 %	5 %	22 %	28 %	28 %
Mission Qualified/1s	43 %	43 %	43 %	50 %	49 %
Student/Second Fligh	4 %	19 %	1 %	1 %	1 %
Other	1 %	2 %	1 %	0 %	0 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0101 Which of the following best describes highest level of responsibility

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Chief Flt Eng/Functi	5 %	2 %	5 %	1 %	1 %
Chief Flight Examine	3 %	0 %	4 %	3 %	3 %
Formal Trng Unit (FT	1 %	0 %	1 %	3 %	3 %
Program Manager	4 %	7 %	4 %	5 %	5 %
Superintendent, Flig	1 %	0 %	2 %	1 %	1 %
Superintendent, Oper	0 %	0 %	0 %	0 %	0 %
Superintendent, Squa	0 %	0 %	0 %	0 %	0 %
Combat Crew Trng Sch	2 %	0 %	3 %	3 %	3 %
Other	84 %	90 %	82 %	82 %	83 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0102 Type(s) of mission(s) fly - None

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0103 Type(s) of mission(s) fly - Aerial Photo

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	2 %	2 %	2 %	3 %	3 %
Other:	98 %	98 %	98 %	97 %	97 %
Total in group:	231*	42*	189*	147*	146*

V0104 Type(s) of mission(s) fly - Aerial Reconnaissance

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	4 %	5 %	4 %	5 %	5 %
Other:	96 %	95 %	96 %	95 %	95 %
Total in group:	231*	42*	189*	147*	146*

V0105 Type(s) of mission(s) fly - Aerial Recovery

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	1 %	1 %
Other:	100 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0106 Type(s) of mission(s) fly - Aeromedical or Medivac

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	23 %	26 %	22 %	46 %	47 %
Other:	77 %	74 %	78 %	54 %	53 %
Total in group:	231*	42*	189*	147*	146*

V0107 Type(s) of mission(s) fly - Air or Inflight Refueling

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	52 %	55 %	51 %	7 %	7 %
Other:	48 %	45 %	49 %	93 %	93 %
Total in group:	231*	42*	189*	147*	146*

V0108 Type(s) of mission(s) fly - Air Training and Testing

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	15 %	10 %	16 %	18 %	18 %
Other:	85 %	90 %	84 %	82 %	82 %
Total in group:	231*	42*	189*	147*	146*

V0109 Type(s) of mission(s) fly - Airborne Command and Control Center (ABCCC)

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	2 %	1 %	1 %
Other:	99 %	100 %	98 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0110 Type(s) of mission(s) fly - Airborne Command Post

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	2 %	0 %	3 %	1 %	1 %
Other:	98 %	100 %	97 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0111 Type(s) of mission(s) fly - Airborne Surveillance and Weapons Control

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0112 Type(s) of mission(s) fly - Aircrew Instructor Training

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	13 %	0 %	16 %	28 %	28 %
Other:	87 %	100 %	84 %	72 %	72 %
Total in group:	231*	42*	189*	147*	146*

V0113 Type(s) of mission(s) fly - Combat Rescue and Recovery

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	6 %	10 %	5 %	3 %	3 %
Other:	94 %	90 %	95 %	97 %	97 %
Total in group:	231*	42*	189*	147*	146*

V0114 Type(s) of mission(s) fly - Drone Recovery or Mid-Air Retrieval Sys (MARS)

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0115 Type(s) of mission(s) fly - Drug Interdiction

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	19 %	12 %	20 %	27 %	27 %
Other:	81 %	88 %	80 %	73 %	73 %
Total in group:	231*	42*	189*	147*	146*

V0116 Type(s) of mission(s) fly - Electronic Countermeasures (ECM)

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	3 %	5 %	3 %	3 %	3 %
Other:	97 %	95 %	97 %	97 %	97 %
Total in group:	231*	42*	189*	147*	146*

V0117 Type(s) of mission(s) fly - Executive Support

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	17 %	12 %	18 %	10 %	10 %
Other:	83 %	88 %	82 %	90 %	90 %
Total in group:	231*	42*	189*	147*	146*

V0118 Type(s) of mission(s) fly - Functional Check Flight

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	16 %	7 %	19 %	36 %	36 %
Other:	84 %	93 %	81 %	64 %	64 %
Total in group:	231*	42*	189*	147*	146*

V0119 Type(s) of mission(s) fly - Guard Lift

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	5 %	5 %	5 %	84 %	84 %
Other:	95 %	95 %	95 %	16 %	16 %
Total in group:	231*	42*	189*	147*	146*

V0120 Type(s) of mission(s) fly - Inflight Refueling

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	50 %	48 %	50 %	7 %	8 %
Other:	50 %	52 %	50 %	93 %	92 %
Total in group:	231*	42*	189*	147*	146*

V0121 Type(s) of mission(s) fly - Missile Support

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	10 %	7 %	10 %	1 %	1 %
Other:	90 %	93 %	90 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0122 Type(s) of mission(s) fly - Range Support

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	4 %	0 %	5 %	1 %	1 %
Other:	96 %	100 %	95 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0123 Type(s) of mission(s) fly - Special Airlift Mission (SAM)

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	34 %	24 %	36 %	22 %	23 %
Other:	66 %	76 %	64 %	78 %	77 %
Total in group:	231*	42*	189*	147*	146*

V0124 Type(s) of mission(s) fly - Special Operations

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	14 %	12 %	15 %	5 %	5 %
Other:	86 %	88 %	85 %	95 %	95 %
Total in group:	231*	42*	189*	147*	146*

V0125 Type(s) of mission(s) fly - Strategic Airlift

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	55 %	52 %	56 %	22 %	22 %
Other:	45 %	48 %	44 %	78 %	78 %
Total in group:	231*	42*	189*	147*	146*

V0126 Type(s) of mission(s) fly - Strategic Deployment Support

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	23 %	17 %	25 %	8 %	8 %
Other:	77 %	83 %	75 %	92 %	92 %
Total in group:	231*	42*	189*	147*	146*

V0127 Type(s) of mission(s) fly - Tactical Airlift or Airdrop

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	16 %	17 %	16 %	88 %	88 %
Other:	84 %	83 %	84 %	12 %	12 %
Total in group:	231*	42*	189*	147*	146*

V0128 Type(s) of mission(s) fly - Tactical Deployment Support

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	11 %	14 %	11 %	44 %	43 %
Other:	89 %	86 %	89 %	56 %	57 %
Total in group:	231*	42*	189*	147*	146*

V0129 Type(s) of mission(s) fly - Transport Cargo

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	81 %	79 %	81 %	77 %	77 %
Other:	19 %	21 %	19 %	23 %	23 %
Total in group:	231*	42*	189*	147*	146*

V0130 Type(s) of mission(s) fly - Weather Reconnaissance

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	6 %	2 %	7 %	0 %	0 %
Other:	94 %	98 %	93 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0131 Type(s) of mission(s) fly - Other

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	9 %	10 %	9 %	22 %	22 %
Other:	91 %	90 %	91 %	78 %	78 %
Total in group:	231*	42*	189*	147*	146*

V0132 Indicate the aircraft for which you hold primary qualification rating

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
None	0 %	0 %	0 %	0 %	0 %
AC-130	0 %	0 %	0 %	1 %	1 %
C-5	61 %	50 %	63 %	0 %	0 %
C-9	0 %	0 %	0 %	0 %	0 %
C-20	0 %	0 %	0 %	0 %	0 %
C-23	0 %	0 %	0 %	0 %	0 %
C-37	0 %	0 %	0 %	0 %	0 %
C-40B	0 %	0 %	0 %	0 %	0 %
C-130	11 %	14 %	10 %	86 %	86 %
C-141	16 %	21 %	15 %	8 %	8 %
E-3	1 %	2 %	1 %	0 %	0 %
E-4	0 %	0 %	0 %	0 %	0 %
E-8	0 %	0 %	0 %	0 %	0 %
EC-130	0 %	0 %	0 %	1 %	1 %
EC-135	0 %	0 %	0 %	0 %	0 %
EC-137	0 %	0 %	0 %	0 %	0 %
HC-130	0 %	0 %	1 %	2 %	2 %
KC-10	6 %	7 %	5 %	0 %	0 %
KC-135	0 %	0 %	0 %	0 %	0 %
LC-130	0 %	0 %	0 %	0 %	0 %
MC-130	4 %	5 %	4 %	0 %	0 %
VC-25	0 %	0 %	0 %	0 %	0 %
VC-135	0 %	0 %	0 %	0 %	0 %
VC-137	0 %	0 %	0 %	0 %	0 %
WC-135	0 %	0 %	0 %	0 %	0 %
Other	1 %	0 %	2 %	3 %	3 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0133 Are you multiple aircraft qualified

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	7 %	7 %	7 %	4 %	4 %
No	93 %	93 %	93 %	96 %	96 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

V0134 Additional aircraft hold a current qualification rating - AC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	1 %	0 %	0 %
Other:	99 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0135 Additional aircraft hold a current qualification rating - C-5

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	2 %	1 %	0 %	0 %
Other:	99 %	98 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0136 Additional aircraft hold a current qualification rating - C-9

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0137 Additional aircraft hold a current qualification rating - C-20

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0138 Additional aircraft hold a current qualification rating - C-23

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0139 Additional aircraft hold a current qualification rating - C-37

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0140 Additional aircraft hold a current qualification rating - C-40B

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0141 Additional aircraft hold a current qualification rating - C-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	2 %	2 %
Other:	100 %	100 %	99 %	98 %	98 %
Total in group:	231*	42*	189*	147*	146*

V0142 Additional aircraft hold a current qualification rating - C-141

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	2 %	1 %	0 %	0 %
Other:	99 %	98 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0143 Additional aircraft hold a current qualification rating - E-3

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	0 %	0 %
Other:	100 %	100 %	99 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0144 Additional aircraft hold a current qualification rating - E-4

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0145 Additional aircraft hold a current qualification rating - E-8

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	2 %	0 %	0 %	0 %
Other:	100 %	98 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0146 Additional aircraft hold a current qualification rating - EC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0147 Additional aircraft hold a current qualification rating - EC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0148 Additional aircraft hold a current qualification rating - EC-137

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0149 Additional aircraft hold a current qualification rating - HC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	1 %	1 %
Other:	100 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0150 Additional aircraft hold a current qualification rating - KC-10

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0151 Additional aircraft hold a current qualification rating - KC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0152 Additional aircraft hold a current qualification rating - LC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0153 Additional aircraft hold a current qualification rating - MC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	1 %	1 %
Other:	100 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0154 Additional aircraft hold a current qualification rating - VC-25

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0155 Additional aircraft hold a current qualification rating - VC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0156 Additional aircraft hold a current qualification rating - VC-137

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0157 Additional aircraft hold a current qualification rating - WC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0158 Additional aircraft hold a current qualification rating - Other

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	3 %	0 %	4 %	1 %	1 %
Other:	97 %	100 %	96 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0159 Aircraft have previously held qualification rating - None

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	45 %	55 %	42 %	44 %	43 %
Other:	55 %	45 %	58 %	56 %	57 %
Total in group:	231*	42*	189*	147*	146*

V0160 Aircraft have previously held qualification rating - AC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	5 %	2 %	5 %	1 %	1 %
Other:	95 %	98 %	95 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0161 Aircraft have previously held qualification rating - C-5

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	15 %	10 %	16 %	1 %	1 %
Other:	85 %	90 %	84 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0162 Aircraft have previously held qualification rating - C-9

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0163 Aircraft have previously held qualification rating - C-20

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0164 Aircraft have previously held qualification rating - C-23

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0165 Aircraft have previously held qualification rating - C-37

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0166 Aircraft have previously held qualification rating - C-40B

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0167 Aircraft have previously held qualification rating - C-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	13 %	5 %	15 %	30 %	30 %
Other:	87 %	95 %	85 %	70 %	70 %
Total in group:	231*	42*	189*	147*	146*

V0168 Aircraft have previously held qualification rating - C-141

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	17 %	24 %	16 %	4 %	4 %
Other:	83 %	76 %	84 %	96 %	96 %
Total in group:	231*	42*	189*	147*	146*

V0169 Aircraft have previously held qualification rating - E-3

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	2 %	1 %	1 %	1 %
Other:	99 %	98 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0170 Aircraft have previously held qualification rating - E-4

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0171 Aircraft have previously held qualification rating - E-8

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	2 %	0 %	0 %	0 %
Other:	100 %	98 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0172 Aircraft have previously held qualification rating - EC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	1 %	1 %	1 %
Other:	99 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0173 Aircraft have previously held qualification rating - EC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0174 Aircraft have previously held qualification rating - EC-137

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0175 Aircraft have previously held qualification rating - HC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	2 %	1 %	1 %	1 %
Other:	99 %	98 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0176 Aircraft have previously held qualification rating - KC-10

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	1 %	1 %	1 %
Other:	99 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0177 Aircraft have previously held qualification rating - KC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	1 %	0 %	2 %	3 %	3 %
Other:	99 %	100 %	98 %	97 %	97 %
Total in group:	231*	42*	189*	147*	146*

V0178 Aircraft have previously held qualification rating - LC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	1 %	1 %
Other:	100 %	100 %	100 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0179 Aircraft have previously held qualification rating - MC-130

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	2 %	0 %	3 %	0 %	0 %
Other:	98 %	100 %	97 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0180 Aircraft have previously held qualification rating - VC-25

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0181 Aircraft have previously held qualification rating - VC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0182 Aircraft have previously held qualification rating - VC-137

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	0 %	0 %	0 %
Other:	100 %	100 %	100 %	100 %	100 %
Total in group:	231*	42*	189*	147*	146*

V0183 Aircraft have previously held qualification rating - WC-135

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	0 %	0 %	1 %	1 %	1 %
Other:	100 %	100 %	99 %	99 %	99 %
Total in group:	231*	42*	189*	147*	146*

V0184 Aircraft have previously held qualification rating - Other

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages	gp0011	gp0012	gp0013	gp0008	gp0010
Yes	5 %	5 %	5 %	10 %	10 %
Other:	95 %	95 %	95 %	90 %	90 %
Total in group:	231*	42*	189*	147*	146*

V0185 Do you prefer to complete surveys on a computer, or by paper-and-pencil

	AFRC TOTAL SAMPLE	AFRC 1A151C gp0012	AFRC 1A171C gp0013	ANG TOTAL SAMPLE gp0008	ANG 1A171C gp0010
Interval Percentages					
Computer	76 %	71 %	77 %	73 %	73 %
Booklet	9 %	7 %	9 %	7 %	8 %
No preference	16 %	21 %	14 %	20 %	20 %
Other:	0 %	0 %	0 %	0 %	0 %
Total in group:	231*	42*	189*	147*	146*

Number of Members: 146

gp0051

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.63	11.64
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	10.78	22.44
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.20	32.65
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	7.55	40.22
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	7.08	47.30
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	6.61	53.92
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.05	59.98
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	5.26	65.25
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	4.89	70.15
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	4.78	74.93
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.43	79.37
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	4.10	83.48
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	3.97	87.46
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	3.15	90.61
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	2.26	92.87
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.68	94.55
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	1.47	96.02
U	PERFORMING TRAINING ACTIVITIES	24	1.37	97.39
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.36	98.76
R	PERFORMING EVALUATION ACTIVITIES	11	.56	99.32
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.52	99.84
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	.16	100.00

Number of Members: 146

gp0051

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	100.00	.40	.40	.40	
N0453	Operate or monitor bleed-air systems	98.63	.37	.37	.77	
N0456	Operate or monitor engine fuel systems	98.63	.37	.37	1.13	
A0042	Perform preflight inspections of cockpit or cabin compartments	100.00	.37	.37	1.50	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	99.32	.37	.36	1.86	5
N0447	Monitor engine instrument systems operations	97.95	.37	.36	2.22	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	98.63	.37	.36	2.59	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	98.63	.36	.35	2.94	
C0096	Compute climb, cruise, or descent data	99.32	.36	.35	3.29	
N0448	Monitor engine thrust or torque indicating systems operations	96.58	.36	.35	3.64	10
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	97.95	.36	.35	3.99	
N0446	Monitor engine fire or overheat detection systems operations	96.58	.36	.35	4.34	
H0266	Operate or monitor pressurization systems	96.58	.36	.35	4.69	
A0039	Perform preflight inspections of aircraft for fluid leakage	96.58	.36	.35	5.04	
E0148	Operate or monitor APU or GTC bleed-air systems	98.63	.35	.34	5.38	15
E0149	Operate or monitor APU or GTC electrical systems	97.95	.35	.34	5.73	
J0320	Monitor fuel consumption	95.21	.36	.34	6.07	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	93.15	.36	.34	6.41	
E0152	Perform operational checks on APU or GTC electrical systems	97.26	.35	.34	6.74	
H0262	Operate or monitor environmental bleed-air systems	94.52	.35	.34	7.09	20

E0151	Perform operational checks on APU or GTC bleed-air systems	97.26	.35	.34	7.42
H0258	Operate or monitor air-conditioning systems	95.89	.35	.34	7.76

Number of Members: 146

gp0051

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
N0460	Perform preflight inspections of bleed-air systems	97.26	.35	.34	8.09	
H0267	Operate or monitor underfloor heating systems	95.89	.35	.33	8.43	
E0154	Perform preflight inspections of APU or GTC bleed-air systems	96.58	.35	.33	8.76	25
E0156	Perform preflight inspections of APU or GTC fire detection systems	95.21	.35	.33	9.10	
G0228	Perform preflight inspections of electrical power systems	96.58	.34	.33	9.43	
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	95.21	.35	.33	9.76	
G0230	Perform preflight inspections of interior or exterior lighting systems	96.58	.34	.33	10.09	
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	95.21	.35	.33	10.42	30
N0463	Perform preflight inspections of engine cowlings	97.26	.34	.33	10.74	
N0466	Perform preflight inspections of engine fire or overheat detection systems	97.26	.34	.33	11.07	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	97.26	.34	.33	11.40	
N0457	Operate or monitor engine ignition systems	94.52	.34	.32	11.72	
I0303	Perform preflight inspections of primary flight control systems	94.52	.34	.32	12.04	35
H0261	Operate or monitor de-ice systems	94.52	.34	.32	12.37	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	93.15	.35	.32	12.69	
N0464	Perform preflight inspections of engine exhaust sections	96.58	.33	.32	13.01	
G0225	Perform preflight inspections of batteries or battery relays	95.21	.34	.32	13.33	
C0092	Compute aircraft emergency performance data	94.52	.34	.32	13.66	40
H0265	Operate or monitor oxygen systems	94.52	.34	.32	13.98	
E0150	Operate or monitor APU or GTC fire extinguishing systems	98.63	.33	.32	14.30	
K0375	Perform preflight inspections of LDG doors	94.52	.34	.32	14.62	
H0259	Operate or monitor anti-ice systems	94.52	.34	.32	14.94	
B0060	Coordinate maintenance requirements with crew chiefs	95.89	.33	.32	15.26	45
N0454	Operate or monitor engine fire extinguishing systems	96.58	.33	.32	15.58	
E0144	Monitor APU or GTC fire detection systems operations	98.63	.32	.32	15.89	
A0044	Perform preflight inspections of emergency exit systems	93.84	.34	.32	16.21	
E0155	Perform preflight inspections of APU or GTC electrical systems	93.15	.34	.32	16.53	
N0452	Operate TD systems	87.67	.36	.32	16.84	50
G0231	Perform preflight inspections of pitot-static systems or temperature probes	93.84	.34	.31	17.16	
G0232	Perform preflight inspections of wiring circuit	95.21	.33	.31	17.47	

	breakers, or control panels				
G0218	Monitor transformer rectifier (TR) systems operations	91.10	.34	.31	17.79
N0461	Perform preflight inspections of engine air intakes	93.84	.33	.31	18.10

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				Avg Pct Time Spent by All Members		
G0223	Perform operational checks on pitot heat systems	93.15	.33	.31	18.41	55
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	93.84	.33	.31	18.72	
G0232	Perform preflight inspections of transformer rectifier systems	91.78	.34	.31	19.03	
K0363	Monitor LDG system normal extensions or retractions	93.84	.33	.31	19.34	
H0271	Perform preflight inspections of anti-ice systems	91.78	.34	.31	19.65	
F0184	Operate or monitor interphone systems	86.99	.35	.31	19.96	60
K0362	Monitor LDG position indicators	93.15	.33	.31	20.26	
O0480	Operate or monitor propeller anti-ice or de-ice systems	87.67	.35	.31	20.57	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	91.10	.34	.31	20.88	
O0481	Perform operational checks on propeller anti-ice or de-ice systems	88.36	.35	.31	21.19	
A0024	Participate in crew operations debriefings	95.21	.32	.31	21.49	65
H0270	Perform preflight inspections of air-conditioning systems	91.10	.34	.31	21.80	
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	92.47	.33	.31	22.10	
J0325	Operate or monitor fuel flow or transfer systems	91.10	.34	.31	22.41	
C0108	Evaluate aircraft performance data	89.04	.34	.30	22.71	
H0280	Perform preflight inspections of oxygen systems	93.15	.33	.30	23.02	70
H0269	Operate or monitor windshield heat systems	91.78	.33	.30	23.32	
N0465	Perform preflight inspections of engine fire extinguishing systems	93.15	.33	.30	23.63	
A0025	Participate in maintenance debriefings	94.52	.32	.30	23.93	
N0467	Perform preflight inspections of engine fire suppression bottles	92.47	.33	.30	24.23	
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97.95	.31	.30	24.54	75
J0326	Operate or monitor fuel indicating systems, to include dip stick	89.73	.34	.30	24.84	
K0381	Perform preflight inspections of LDG tires	89.73	.33	.30	25.14	
E0157	Perform preflight inspections of APU or GTC fire extinguishing systems	90.41	.33	.30	25.44	
K0358	Monitor brake antiskid systems operations	92.47	.32	.30	25.73	
H0274	Perform preflight inspections of environmental bleed-air systems	89.04	.33	.30	26.03	80
K0372	Perform preflight inspections of LDG brake or antiskid systems	89.73	.33	.30	26.32	
J0330	Operate or monitor single-point refueling systems	93.84	.32	.30	26.62	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	94.52	.31	.30	26.92	

O0478	Monitor propeller negative torque systems operations	88.36	.33	.30	27.21	
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	91.10	.32	.30	27.51	85

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				Avg Pct Time Spent by All Members		
O0477	Monitor propeller governor systems operations	86.30	.34	.29	27.80	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	91.10	.32	.29	28.10	
H0253	Monitor environmental fire or overheat detection systems operations	89.04	.33	.29	28.39	
E0147	Operate or monitor APU starting systems	84.93	.34	.29	28.68	
K0383	Perform preflight inspections of nosewheel steering systems	89.73	.33	.29	28.97	90
I0299	Monitor secondary flight control systems operations, such as trim systems	86.99	.34	.29	29.26	
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	89.04	.33	.29	29.56	
A0031	Perform aircrew scanning duties	82.88	.35	.29	29.85	
E0145	Monitor APU or GTC fuel systems operations	94.52	.31	.29	30.14	
E0153	Perform preflight inspections of APU starting systems	86.30	.33	.29	30.42	95
E0159	Perform preflight inspections of APU or GTC oil systems	91.10	.32	.29	30.71	
I0298	Monitor primary flight control systems operations	86.99	.33	.29	31.00	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	84.25	.34	.29	31.29	
K0382	Perform preflight inspections of LDG wheel assemblies	89.73	.32	.29	31.57	
E0158	Perform preflight inspections of APU or GTC fuel systems	89.04	.32	.29	31.86	100
J0317	Complete fuel logs	91.10	.31	.29	32.15	
G0227	Perform preflight inspections of electrical inverter systems	86.99	.33	.29	32.43	
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	84.25	.34	.29	32.72	
O0479	Monitor propeller pitchlock systems operations	86.99	.33	.28	33.00	
B0084	Remove or install airframe, engine covers, or pitot covers	94.52	.30	.28	33.29	105
K0359	Monitor brake pressures	84.93	.33	.28	33.57	
F0188	Operate or monitor radios	80.82	.35	.28	33.85	
B0078	Perform inflight inspections of aircraft	89.04	.31	.28	34.13	
I0297	Monitor flight control position instrument systems operations	86.30	.32	.28	34.41	
A0045	Perform preflight inspections of liferaft release mechanisms	87.67	.32	.28	34.69	110
K0379	Perform preflight inspections of LDG position indicating systems	85.62	.32	.28	34.97	
C0093	Compute aircraft performance data for nonstandard configurations	91.78	.30	.28	35.24	
H0273	Perform preflight inspections of de-ice systems	86.30	.32	.28	35.52	
E0146	Monitor APU or GTC oil systems operations	92.47	.30	.28	35.80	
J0336	Perform preflight inspections of external fuel tanks	84.93	.32	.28	36.07	115
M0420	Perform preflight inspections of hydraulic systems to	80.14	.34	.27	36.35	

P0501	include emergency systems, other than cooling systems				
	Perform airdrop checklist procedures, other than for	81.51	.34	.27	36.62
	high-altitude low-opening (HALO) paradrops				

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H0276	Perform preflight inspections of environmental fire or overheat detection systems	84.93	.32	.27	36.90	
B0081	Perform thru-flight or postflight inspections of aircraft	80.82	.34	.27	37.17	
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	92.47	.30	.27	37.44	120
E0139	Analyze APU or GTC electrical systems malfunctions	97.95	.28	.27	37.71	
H0248	Analyze pressurization systems malfunctions	96.58	.28	.27	37.99	
H0281	Perform preflight inspections of pressurization systems	84.25	.32	.27	38.26	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	82.19	.33	.27	38.52	
I0295	Monitor automatic flight control systems or autopilot systems operations	84.93	.31	.27	38.79	125
A0026	Participate in pre-mission briefings	87.67	.30	.27	39.06	
N0440	Analyze engine starter systems malfunctions	95.21	.28	.27	39.32	
N0432	Analyze engine bleed-air systems malfunctions	93.84	.28	.27	39.59	
Q0529	Perform, practice, or simulate emergency engine procedures	91.78	.29	.27	39.85	
E0140	Analyze APU or GTC fire detection systems malfunctions	95.89	.28	.26	40.12	130
N0455	Operate or monitor engine fire suppression systems	83.56	.32	.26	40.38	
J0340	Perform preflight inspections of single-point refueling systems	85.62	.31	.26	40.65	
B0063	Ground aircraft	93.84	.28	.26	40.91	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	83.56	.31	.26	41.18	
J0319	Inspect fuel tank level and cap security	85.62	.30	.26	41.44	135
H0237	Analyze air-conditioning systems malfunctions	93.15	.28	.26	41.70	
O0483	Perform operational checks on propeller negative torque systems	84.93	.31	.26	41.96	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	91.78	.28	.26	42.22	
K0378	Perform preflight inspections of LDG normal systems	81.51	.32	.26	42.48	
G0224	Perform preflight inspections of electrical converter systems	80.82	.32	.26	42.74	140
N0441	Analyze engine thrust or torque indicating systems malfunctions	92.47	.28	.26	43.00	
H0238	Analyze anti-ice systems malfunctions	94.52	.27	.26	43.26	
J0321	Monitor fuel dump/jettison systems operations	91.78	.28	.26	43.51	
H0241	Analyze environmental bleed-air systems malfunctions	93.84	.28	.26	43.77	
E0142	Analyze APU or GTC fuel systems malfunctions	93.84	.27	.26	44.03	145
K0376	Perform preflight inspections of LDG emergency systems	83.56	.31	.26	44.29	
N0437	Analyze engine fuel systems malfunctions	93.15	.28	.26	44.54	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	78.08	.33	.26	44.80	
A0011	Fasten seats, seat belts, or shoulder harnesses	92.18	.31	.26	45.05	

N0435	Analyze engine fire or overheat detection systems malfunctions	92.47	.28	.25	45.31	150
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				Avg Pct Time Spent by All Members		
O0482	Perform operational checks on propeller feathering systems	82.19	.31	.25	45.56	
C0095	Compute airdrop data	76.03	.33	.25	45.82	
J0311	Analyze fuel indicating systems, to include dip stick	89.73	.28	.25	46.07	
N0439	Analyze engine oil cooler systems malfunctions	93.15	.27	.25	46.33	
N0438	Analyze engine ignition systems malfunctions	93.15	.27	.25	46.58	155
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	80.82	.31	.25	46.83	
Q0527	Perform, practice, or simulate electrical system emergency procedures	91.10	.28	.25	47.09	
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	91.78	.27	.25	47.34	
H0250	Analyze underfloor heating systems malfunctions	94.52	.27	.25	47.59	
D0119	Monitor door or ramp warning systems operations	84.25	.30	.25	47.84	160
O0485	Perform preflight inspections of propeller systems components	78.08	.32	.25	48.09	
H0252	Analyze windshield heat systems malfunctions	94.52	.27	.25	48.35	
O0473	Analyze propeller anti-ice or de-ice systems malfunctions	86.99	.29	.25	48.60	
E0143	Analyze APU or GTC oil systems malfunctions	91.10	.27	.25	48.85	
N0433	Analyze engine control systems malfunctions	91.10	.27	.25	49.10	165
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	91.10	.27	.25	49.35	
A0021	Operate emergency escape hatches	95.89	.26	.25	49.60	
N0434	Analyze engine fire extinguishing systems malfunctions	91.78	.27	.25	49.85	
K0364	Monitor nosewheel steering systems operations	81.51	.30	.25	50.09	
Q0547	Recommend corrective actions for inflight emergency conditions	86.99	.29	.25	50.34	170
H0240	Analyze de-ice systems malfunctions	91.10	.27	.25	50.59	
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	91.78	.27	.25	50.84	
Q0542	Perform, practice, or simulate smoke elimination procedures	89.04	.28	.25	51.08	
J0337	Perform preflight inspections of fuel dump/jettison systems	80.14	.31	.25	51.33	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	76.03	.32	.25	51.58	175
D0129	Perform preflight inspections of cargo doors, ramps, or latches	79.45	.31	.24	51.82	
O0474	Analyze propeller governor systems malfunctions	85.62	.29	.24	52.06	
H0243	Analyze environmental fire or overheat detection systems malfunctions	90.41	.27	.24	52.31	
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	89.73	.27	.24	52.55	
H0268	Operate or monitor ventilating systems	77.40	.32	.24	52.80	180
Q0548	Report emergency conditions	86.30	.28	.24	53.04	

Q0536	Perform, practice, or simulate inflight door warning emergency procedures	89.04	.27	.24	53.29
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				Avg Pct Time Spent by All Members		
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	91.10	.27	.24	53.53	
O0484	Perform operational checks on propeller systems controls	79.45	.30	.24	53.77	
A0027	Participate in preflight or postflight intelligence briefings	89.04	.27	.24	54.01	185
H0275	Perform preflight inspections of environmental fire extinguishing equipment	78.08	.31	.24	54.25	
I0293	Analyze primary flight control systems malfunctions	92.47	.26	.24	54.49	
S0577	Review FCIFs	74.66	.32	.24	54.73	
H0277	Perform preflight inspections of environmental fire suppression bottles	78.08	.31	.24	54.98	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	91.78	.26	.24	55.22	190
O0475	Analyze propeller negative torque systems malfunctions	86.99	.28	.24	55.46	
A0019	Open or close crew entrance doors	81.51	.29	.24	55.70	
N0442	Analyze temperature datum (TD) systems malfunctions	84.93	.28	.24	55.94	
H0247	Analyze oxygen systems malfunctions	91.10	.26	.24	56.18	
K0361	Monitor LDG emergency systems operations	85.62	.28	.24	56.41	195
G0229	Perform preflight inspections of emergency electrical power generators	77.40	.31	.24	56.65	
J0310	Analyze fuel flow systems malfunctions	89.04	.27	.24	56.89	
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	87.67	.27	.24	57.13	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	86.99	.27	.24	57.37	
Q0523	Perform, practice, or simulate APU or GTC fire procedures	86.99	.27	.24	57.60	200
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	84.25	.28	.24	57.84	
N0430	Adjust engine controls during flight, such as cables or throttle levers	76.03	.31	.24	58.08	
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	80.82	.29	.23	58.31	
F0193	Perform preflight inspections of CVRs	73.29	.32	.23	58.55	
A0013	Fire small arms for qualification	97.95	.24	.23	58.78	205
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	84.93	.28	.23	59.01	
H0242	Analyze environmental fire extinguishing systems malfunctions	87.67	.26	.23	59.25	
K0352	Analyze LDG position indicating systems malfunctions	88.36	.26	.23	59.48	
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	89.04	.26	.23	59.71	
O0476	Analyze propeller pitchlock systems malfunctions	83.56	.28	.23	59.94	210
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	85.62	.27	.23	60.17	

C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	84.93	.27	.23	60.40
A0022	Operate flightline motor vehicles	86.99	.26	.23	60.63

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Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	84.25	.27	.23	60.86	
Q0544	Perform, practice, or simulate wing fire procedures	83.56	.27	.23	61.09	215
D0114	Analyze door or ramp warning systems malfunctions	88.36	.26	.23	61.32	
N0436	Analyze engine fire suppression systems malfunctions	85.62	.26	.23	61.54	
C0090	Complete range computations	78.77	.29	.23	61.77	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	86.30	.26	.22	61.99	
D0130	Perform preflight inspections of door or ramp warning systems	73.97	.30	.22	62.22	220
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	84.93	.26	.22	62.44	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	82.88	.27	.22	62.66	
Q0525	Perform, practice, or simulate cabin fire procedures	82.19	.27	.22	62.89	
A0016	Interpret marshalling signals	83.56	.27	.22	63.11	
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.78	.24	.22	63.33	225
N0458	Perform engine starts, runups, or shutdowns to include alternate procedures	70.55	.32	.22	63.55	
A0023	Operate galley equipment, such as ovens or coffee makers	86.99	.26	.22	63.78	
Q0532	Perform, practice, or simulate flight control system emergency procedures	82.88	.27	.22	64.00	
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	81.51	.27	.22	64.22	
Q0524	Perform, practice, or simulate bailout or ditching procedures	82.19	.27	.22	64.44	230
N0459	Perform operational checks on engine thrust or torque indicating systems	73.29	.30	.22	64.66	
K0351	Analyze LDG normal systems malfunctions	84.93	.26	.22	64.88	
H0254	Monitor environmental fire suppression systems operations	74.66	.29	.22	65.10	
H0244	Analyze environmental fire suppression systems malfunctions	84.25	.26	.22	65.32	
J0315	Analyze single-point refueling systems malfunctions	84.25	.26	.22	65.54	235
J0323	Monitor nonstandard fuel systems configurations	78.08	.28	.22	65.75	
K0374	Perform preflight inspections of LDG cylinders or snubbers	68.49	.32	.22	65.97	
K0355	Analyze nosewheel steering systems malfunctions	82.88	.26	.22	66.18	
D0113	Analyze cargo door or ramp systems malfunctions	84.93	.25	.21	66.40	
Q0546	Recommend corrective actions for ground emergency conditions	80.14	.27	.21	66.61	240
J0344	Service fuel systems	73.97	.29	.21	66.83	
B0068	Interpret wiring or system schematic diagrams	81.51	.26	.21	67.04	

Q0540	Perform, practice, or simulate propeller failure procedures	80.82	.26	.21	67.25
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N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	79.45	.27	.21	67.47	
K0349	Analyze LDG emergency systems malfunctions	81.51	.26	.21	67.68	245
H0283	Perform preflight inspections of underfloor heating systems	70.55	.30	.21	67.88	
K0366	Operate LDG emergency systems extensions	82.19	.25	.21	68.09	
H0285	Perform preflight inspections of windshield heat systems	68.49	.30	.20	68.29	
G0217	Analyze special system buses malfunctions	73.97	.28	.20	68.50	
J0333	Perform fuel system cold weather operations	72.60	.28	.20	68.70	250
G0222	Operate or monitor emergency power generator systems	64.38	.32	.20	68.90	
B0088	Select maintenance brevity codes for AFTO Forms 781-series	71.23	.28	.20	69.11	
I0306	Recommend or perform corrective actions after analyses of flight control systems malfunctions	76.03	.27	.20	69.31	
A0030	Perform aircrew chemical warfare procedures	86.30	.23	.20	69.51	
O0487	Recommend or perform corrective actions after analyses of propeller systems malfunctions	73.29	.28	.20	69.71	255
J0313	Analyze fuel transfer systems malfunctions	79.45	.25	.20	69.91	
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	76.71	.26	.20	70.12	
J0309	Analyze fuel dump/jettison systems malfunctions	80.82	.25	.20	70.32	
Q0541	Perform, practice, or simulate rapid descent procedures	74.66	.27	.20	70.52	
H0239	Analyze avionics or electronic cooling systems malfunctions	74.66	.27	.20	70.71	260
A0038	Perform preflight inspections of aircraft for chocking	69.86	.28	.20	70.91	
C0110	Interpret terminal procedures (TERPs)	65.75	.30	.20	71.11	
P0504	Perform HALO paradrop checklist procedures	69.86	.28	.20	71.31	
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	59.59	.33	.20	71.50	
N0444	Monitor engine compressor sections operations	63.01	.31	.20	71.70	265
K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	75.34	.26	.20	71.90	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	76.71	.25	.19	72.09	
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	71.92	.27	.19	72.28	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	71.92	.26	.19	72.47	
P0510	Perform remote site landings or take-offs, such as unimproved or substandard runways	71.23	.27	.19	72.66	270
B0085	Remove or replace access doors, cowlings, fairings, inspection plates, panels, or windows	75.34	.25	.19	72.85	
J0332	Perform fuel system hot weather operations	67.12	.28	.19	73.04	
H0251	Analyze ventilating systems malfunctions	75.34	.25	.19	73.23	
A0014	Inspect ramp areas for foreign object damage (FOD)	71.23	.26	.19	73.41	

J0328	Operate or monitor fuel systems using nonstandard fuels	71.92	.26	.19	73.60	275
A0034	Perform high-altitude procedures in altitude chambers	80.82	.23	.19	73.79	

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C0089	Complete performance planning worksheets	61.64	.30	.19	73.97	
D0131	Perform preflight inspections of exit spoiler or air deflector systems	61.64	.30	.19	74.16	
M0428	Service hydraulic systems	74.66	.25	.19	74.35	
F0187	Operate or monitor radar systems	69.18	.27	.19	74.53	280
H0272	Perform preflight inspections of avionics or electronic cooling systems	62.33	.30	.18	74.72	
B0069	Inventory tool kits	73.97	.25	.18	74.90	
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	74.66	.24	.18	75.08	
A0029	Perform aircrew arming procedures	77.40	.23	.18	75.26	
K0354	Analyze LDG wheel assembly malfunctions	73.97	.24	.18	75.44	285
G0219	Operate special system buses	61.64	.29	.18	75.62	
A0043	Perform preflight inspections of crew relief areas	62.33	.28	.18	75.79	
H0255	Operate environmental fire extinguishing systems	69.86	.25	.18	75.97	
B0062	Evaluate proposed maintenance repairs or minor modifications	61.64	.28	.17	76.14	
B0076	Perform hostile environment repairs	82.88	.21	.17	76.32	290
M0410	Analyze pneudraulic systems malfunctions	64.38	.27	.17	76.49	
H0260	Operate or monitor avionics or electronic cooling systems	58.90	.29	.17	76.67	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	65.75	.26	.17	76.84	
K0357	Monitor alternate gear extensions or retractions	67.81	.25	.17	77.01	
N0449	Monitor engine thrust reversing systems operations	49.32	.34	.17	77.18	295
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	65.07	.26	.17	77.35	
Q0528	Perform, practice, or simulate emergency driftdown procedures	63.01	.27	.17	77.52	
A0055	Secure equipment for descent or landing	59.59	.28	.17	77.68	
H0278	Perform preflight inspections of forced-air cooling systems	57.53	.29	.17	77.85	
E0164	Service APU or GTC systems	69.18	.24	.16	78.01	300
F0186	Operate or monitor navigation equipment, other than radar equipment	60.96	.27	.16	78.18	
O0488	Service propeller systems	67.81	.24	.16	78.34	
E0160	Perform unscheduled maintenance on APU or GTC systems	65.07	.25	.16	78.51	
B0064	Identify powered aerospace ground equipment (AGE) malfunctions	68.49	.24	.16	78.67	
M0416	Operate or monitor pneudraulic systems to include emergency systems	53.42	.30	.16	78.83	305
A0052	Request aircrew transportation	68.49	.24	.16	78.99	
G0234	Perform unscheduled maintenance on electrical systems, other than APU or GTC electrical systems	63.70	.25	.16	79.15	
D0115	Analyze exit spoiler or air deflector systems	67.12	.24	.16	79.31	

	malfunctions				
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	60.27	.26	.16	79.47

Number of Members: 146

gp0051

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
R0550	Compile data for records, reports, logs, or trend analyses	54.79	.29	.16	79.63	310
D0135	Recommend or perform corrective actions after analyses of auxiliary systems malfunctions	64.38	.24	.15	79.78	
K0365	Operate alternate gear systems	59.59	.26	.15	79.94	

Number of Members: 223

gp0052

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Duty Level Job Description

Duty		Number of Tasks in Duty	Sorted Average Percent Time Spent by All Members	Cumulative Average Percent Time Spent by All Members
H	PERFORMING ENVIRONMENTAL OR COOLING SYSTEMS ACTIVITIES	54	11.11	11.13
A	PERFORMING GENERAL AIRCREW ACTIVITIES	58	10.08	21.23
N	PERFORMING POWER PLANT SYSTEMS ACTIVITIES	43	9.68	30.92
F	PERFORMING COMMUNICATION OR NAVIGATION SYSTEMS ACTIVITIES	51	8.18	39.11
K	PERFORMING LANDING GEAR (LDG) AND BRAKE SYSTEMS ACTIVITIES	42	8.18	47.30
J	PERFORMING FUEL SYSTEMS ACTIVITIES	37	7.63	54.95
Q	PERFORMING EMERGENCY PROCEDURE ACTIVITIES	29	6.64	61.60
E	PERFORMING AUXILIARY POWER UNIT (APU) OR GAS TURBINE COMPRESSOR (GTC) SYSTEMS ACTIVITIES	28	6.32	67.93
G	PERFORMING ELECTRICAL SYSTEMS ACTIVITIES	21	4.42	72.36
C	PERFORMING MISSION PLANNING AND PERFORMANCE DATA COMPUTATIONS	22	4.41	76.78
B	PERFORMING GENERAL MAINTENANCE ACTIVITIES	30	3.92	80.70
I	PERFORMING FLIGHT CONTROL SYSTEMS ACTIVITIES	17	3.79	84.49
M	PERFORMING PNEUDRAULIC OR HYDRAULIC SYSTEMS ACTIVITIES	22	3.56	88.06
L	PERFORMING MALFUNCTION ANALYSIS DETECTION AND RECORDING (MADAR) SYSTEMS ACTIVITIES	21	3.03	91.10
D	PERFORMING AUXILIARY SYSTEMS ACTIVITIES	26	2.61	93.71
V	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	60	1.61	95.33
S	PERFORMING GENERAL ADMINISTRATIVE AND TECHNICAL ORDER (TO) SYSTEM ACTIVITIES	20	1.17	96.51
U	PERFORMING TRAINING ACTIVITIES	24	1.08	97.59
O	PERFORMING PROPELLER SYSTEMS ACTIVITIES	16	.80	98.39
P	PERFORMING SPECIAL MISSION ACTIVITIES	31	.76	99.15
R	PERFORMING EVALUATION ACTIVITIES	11	.50	99.64
T	PERFORMING GENERAL SUPPLY AND EQUIPMENT ACTIVITIES	11	.35	100.00

Number of Members: 223

gp0052

Flight Engineer - Performance Qualified
Reported AFSC(s): 1A1X1C

----- Print GROUP/STAGE Job Descriptions -----

DUTY and TASK performance data for the reported groups, based on background information listed below. Tasks are listed in DESCENDING order of PERCENT TIME SPENT.

Task Level Job Description

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
C0100	Compute takeoff and landing data (TOLD) using charts, fuel savings advisory systems (FSAS), or computers	99.10	.35	.35	.35	
N0447	Monitor engine instrument systems operations	98.21	.33	.33	.67	
N0453	Operate or monitor bleed-air systems	99.55	.32	.32	1.00	
N0456	Operate or monitor engine fuel systems	97.31	.32	.31	1.31	
A0042	Perform preflight inspections of cockpit or cabin compartments	98.65	.32	.31	1.62	5
F0188	Operate or monitor radios	95.52	.33	.31	1.93	
N0445	Monitor engine exhaust gas temperatures (EGTs) or turbine inlet temperature (TIT) sections operations	96.86	.32	.31	2.24	
F0184	Operate or monitor interphone systems	95.52	.32	.31	2.55	
H0258	Operate or monitor air-conditioning systems	97.31	.32	.31	2.86	
A0053	Review AFTO Forms 781-series, Aircraft Discrepancy, Inspection, and Maintenance Records	99.10	.31	.31	3.17	10
H0266	Operate or monitor pressurization systems	98.65	.31	.31	3.47	
A0039	Perform preflight inspections of aircraft for fluid leakage	97.31	.31	.30	3.78	
A0040	Perform preflight inspections of aircraft panels, locks, or fasteners	98.65	.31	.30	4.08	
J0320	Monitor fuel consumption	95.96	.31	.30	4.38	
H0262	Operate or monitor environmental bleed-air systems	95.96	.31	.30	4.68	15
C0101	Compute time, distance, or fuel using performance data formulas, charts, or graphs	98.21	.30	.30	4.98	
E0149	Operate or monitor APU or GTC electrical systems	98.21	.30	.30	5.28	
A0025	Participate in maintenance debriefings	98.21	.30	.30	5.57	
J0325	Operate or monitor fuel flow or transfer systems	97.76	.30	.30	5.87	
C0096	Compute climb, cruise, or descent data	99.55	.30	.30	6.16	20
M0415	Operate or monitor hydraulic systems to include emergency systems, other than cooling systems	94.17	.31	.30	6.46	
I0303	Perform preflight inspections of primary flight control systems	98.21	.30	.30	6.76	

N0446	Monitor engine fire or overheat detection systems operations	97.76	.30	.30	7.05
B0060	Coordinate maintenance requirements with crew chiefs	98.21	.30	.29	7.34

Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
I0304	Perform preflight inspections of secondary flight control systems, such as trim systems	97.76	.30	.29	7.64	25
E0148	Operate or monitor APU or GTC bleed-air systems	97.76	.30	.29	7.93	
A0031	Perform aircrew scanning duties	95.07	.31	.29	8.23	
N0460	Perform preflight inspections of bleed-air systems	96.86	.30	.29	8.52	
G0221	Operate or monitor electrical systems, other than APU or GTC electrical systems or special system buses	96.86	.30	.29	8.81	
I0302	Perform preflight inspections of auxiliary flight control systems, such as flaps, spoilers, or slats	98.65	.30	.29	9.10	30
A0003	Brief aircraft commanders or maintenance personnel on aircraft systems malfunctions	97.31	.30	.29	9.39	
K0372	Perform preflight inspections of LDG brake or antiskid systems	98.21	.29	.29	9.68	
B0078	Perform inflight inspections of aircraft	93.27	.31	.29	9.97	
K0362	Monitor LDG position indicators	97.76	.29	.29	10.26	
N0448	Monitor engine thrust or torque indicating systems operations	88.34	.33	.29	10.55	35
K0363	Monitor LDG system normal extensions or retractions	96.86	.30	.29	10.83	
F0179	Monitor aircraft communication systems during take-off, departure, or arrival procedures	89.69	.32	.29	11.12	
K0382	Perform preflight inspections of LDG wheel assemblies	97.31	.29	.29	11.41	
H0270	Perform preflight inspections of air-conditioning systems	97.76	.29	.28	11.69	
K0381	Perform preflight inspections of LDG tires	97.31	.29	.28	11.97	40
A0026	Participate in pre-mission briefings	95.96	.29	.28	12.26	
C0105	Determine fuel consumption using time, speed, and distance formulas and charts	95.96	.29	.28	12.54	
K0375	Perform preflight inspections of LDG doors	95.52	.29	.28	12.82	
H0265	Operate or monitor oxygen systems	96.86	.29	.28	13.10	
A0041	Perform preflight inspections of aircraft structures for erosion, corrosion, damage, or cracks	91.93	.30	.28	13.38	45
E0150	Operate or monitor APU or GTC fire extinguishing systems	98.21	.28	.28	13.66	
N0466	Perform preflight inspections of engine fire or overheat detection systems	96.86	.29	.28	13.94	
N0463	Perform preflight inspections of engine cowlings	95.96	.29	.28	14.21	
N0454	Operate or monitor engine fire extinguishing systems	95.07	.29	.28	14.49	
A0024	Participate in crew operations debriefings	96.41	.29	.28	14.77	50
C0092	Compute aircraft emergency performance data	98.21	.28	.28	15.05	
A0044	Perform preflight inspections of emergency exit systems	94.17	.29	.28	15.33	
A0058	Verify safety pins and streamers are removed prior to flight or installed after flight	95.96	.29	.28	15.60	
E0156	Perform preflight inspections of APU or GTC fire detection systems	97.31	.28	.28	15.88	
H0267	Operate or monitor underfloor heating systems	93.72	.28	.28	16.16	55

E0147	Operate or monitor APU starting systems	95.52	.29	.28	16.43
N0464	Perform preflight inspections of engine exhaust sections	95.52	.29	.28	16.71

Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
K0359	Monitor brake pressures	95.07	.29	.28	16.98	
J0317	Complete fuel logs	95.96	.29	.27	17.26	
K0358	Monitor brake antiskid systems operations	95.96	.29	.27	17.53	60
H0253	Monitor environmental fire or overheat detection systems operations	95.52	.29	.27	17.81	
K0383	Perform preflight inspections of nosewheel steering systems	94.62	.29	.27	18.08	
H0274	Perform preflight inspections of environmental bleed-air systems	95.07	.29	.27	18.35	
G0218	Monitor transformer rectifier (TR) systems operations	96.86	.28	.27	18.63	
I0301	Perform preflight inspections of automatic flight control systems or autopilot systems	95.52	.29	.27	18.90	65
H0259	Operate or monitor anti-ice systems	96.86	.28	.27	19.17	
C0104	Determine engine power requirements using time, speed, and distance formulas and charts	92.83	.29	.27	19.44	
E0154	Perform preflight inspections of APU or GTC bleed-air systems	94.17	.29	.27	19.71	
J0326	Operate or monitor fuel indicating systems, to include dip stick	90.58	.30	.27	19.98	
K0378	Perform preflight inspections of LDG normal systems	93.72	.29	.27	20.25	70
G0230	Perform preflight inspections of interior or exterior lighting systems	95.96	.28	.27	20.52	
Q0535	Perform, practice, or simulate hydraulic system emergency procedures	97.76	.27	.27	20.78	
M0420	Perform preflight inspections of hydraulic systems to include emergency systems, other than cooling systems	90.58	.29	.27	21.05	
E0155	Perform preflight inspections of APU or GTC electrical systems	93.72	.28	.27	21.32	
I0298	Monitor primary flight control systems operations	92.38	.29	.27	21.58	75
G0233	Perform preflight inspections of wiring, circuit breakers, or control panels	95.07	.28	.27	21.85	
I0296	Monitor auxiliary flight control systems operations, such as flaps, spoilers, or slats	94.17	.28	.27	22.12	
Q0529	Perform, practice, or simulate emergency engine procedures	96.86	.27	.27	22.38	
N0465	Perform preflight inspections of engine fire extinguishing systems	92.83	.29	.27	22.65	
G0225	Perform preflight inspections of batteries or battery relays	97.76	.27	.27	22.91	80
E0157	Perform preflight inspections of APU or GTC fire extinguishing systems	94.62	.28	.26	23.18	
H0271	Perform preflight inspections of anti-ice systems	95.52	.28	.26	23.44	
Q0537	Perform, practice, or simulate LDG emergency extension or retraction procedures	97.31	.27	.26	23.71	
E0144	Monitor APU or GTC fire detection systems operations	95.07	.28	.26	23.97	
N0461	Perform preflight inspections of engine air intakes	90.58	.29	.26	24.24	85

G0228	Perform preflight inspections of electrical power systems	94.17	.28	.26	24.50
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Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0527	Perform, practice, or simulate electrical system emergency procedures	97.31	.27	.26	24.76	
B0059	Apply external alternating current (AC) or direct current (DC) power to aircraft	98.21	.27	.26	25.02	
K0379	Perform preflight inspections of LDG position indicating systems	93.72	.28	.26	25.29	
H0280	Perform preflight inspections of oxygen systems	96.41	.27	.26	25.55	90
A0047	Perform preflight inspections of or position emergency, life support, survival, or personal equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	91.03	.29	.26	25.81	
N0457	Operate or monitor engine ignition systems	90.58	.29	.26	26.07	
E0151	Perform operational checks on APU or GTC bleed-air systems	90.58	.29	.26	26.33	
C0108	Evaluate aircraft performance data	86.55	.30	.26	26.59	
N0455	Operate or monitor engine fire suppression systems	91.03	.28	.26	26.85	95
B0081	Perform thru-flight or postflight inspections of aircraft	79.82	.32	.26	27.11	
H0281	Perform preflight inspections of pressurization systems	92.83	.28	.26	27.36	
Q0538	Perform, practice, or simulate LDG wheel brake emergency procedures	95.96	.27	.26	27.62	
Q0526	Perform, practice, or simulate electrical fire procedures, other than cabin fires	95.96	.27	.26	27.88	
J0334	Perform preflight inspections of fuel indicating systems, to include dip stick	91.03	.28	.26	28.13	100
I0295	Monitor automatic flight control systems or autopilot systems operations	90.58	.28	.26	28.39	
N0432	Analyze engine bleed-air systems malfunctions	95.96	.27	.25	28.64	
F0198	Perform preflight inspections of instrument systems, such as avionics or flight instruments	90.58	.28	.25	28.90	
Q0547	Recommend corrective actions for inflight emergency conditions	93.27	.27	.25	29.15	
Q0523	Perform, practice, or simulate APU or GTC fire procedures	95.52	.27	.25	29.41	105
K0361	Monitor LDG emergency systems operations	93.72	.27	.25	29.66	
N0449	Monitor engine thrust reversing systems operations	87.44	.29	.25	29.91	
I0299	Monitor secondary flight control systems operations, such as trim systems	91.03	.28	.25	30.17	
A0046	Perform preflight inspections of seats, seat belts, or shoulder harnesses	89.69	.28	.25	30.42	
K0364	Monitor nosewheel steering systems operations	91.03	.28	.25	30.67	110
Q0522	Perform, practice, or simulate aircraft pressurization emergency procedures	95.96	.26	.25	30.93	
H0276	Perform preflight inspections of environmental fire or overheat detection systems	90.58	.28	.25	31.18	

J0330	Operate or monitor single-point refueling systems	93.72	.27	.25	31.43
N0438	Analyze engine ignition systems malfunctions	96.41	.26	.25	31.68

Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
Q0542	Perform, practice, or simulate smoke elimination procedures	95.52	.26	.25	31.94	115
Q0536	Perform, practice, or simulate inflight door warning emergency procedures	95.52	.26	.25	32.19	
I0297	Monitor flight control position instrument systems operations	89.69	.28	.25	32.44	
Q0544	Perform, practice, or simulate wing fire procedures	95.07	.26	.25	32.69	
E0153	Perform preflight inspections of APU starting systems	90.58	.28	.25	32.94	
N0440	Analyze engine starter systems malfunctions	95.96	.26	.25	33.20	120
K0376	Perform preflight inspections of LDG emergency systems	90.13	.28	.25	33.45	
Q0532	Perform, practice, or simulate flight control system emergency procedures	94.17	.27	.25	33.70	
F0183	Operate or monitor instrument systems, such as avionics or flight instruments	88.79	.28	.25	33.95	
E0152	Perform operational checks on APU or GTC electrical systems	88.79	.28	.25	34.20	
A0019	Open or close crew entrance doors	94.17	.26	.25	34.44	125
J0324	Operate or monitor air refueling systems	88.79	.28	.25	34.69	
H0238	Analyze anti-ice systems malfunctions	95.96	.26	.25	34.94	
E0145	Monitor APU or GTC fuel systems operations	91.03	.27	.25	35.19	
J0329	Operate or monitor inflight refueling systems	90.13	.27	.25	35.44	
J0335	Perform preflight inspections of air refueling systems	89.24	.28	.25	35.68	130
N0435	Analyze engine fire or overheat detection systems malfunctions	95.07	.26	.25	35.93	
K0374	Perform preflight inspections of LDG cylinders or snubbers	87.89	.28	.25	36.18	
N0437	Analyze engine fuel systems malfunctions	95.07	.26	.25	36.42	
H0241	Analyze environmental bleed-air systems malfunctions	95.52	.26	.25	36.67	
H0248	Analyze pressurization systems malfunctions	94.62	.26	.25	36.92	135
H0237	Analyze air-conditioning systems malfunctions	94.17	.26	.25	37.16	
C0093	Compute aircraft performance data for nonstandard configurations	97.76	.25	.25	37.41	
C0098	Compute maximum endurance, loiter, or holding data, other than orbit data	94.17	.26	.24	37.65	
H0254	Monitor environmental fire suppression systems operations	88.34	.28	.24	37.90	
H0268	Operate or monitor ventilating systems	85.20	.29	.24	38.14	140
G0222	Operate or monitor emergency power generator systems	91.93	.27	.24	38.38	
G0231	Perform preflight inspections of pitot-static systems or temperature probes	89.69	.27	.24	38.63	
G0232	Perform preflight inspections of transformer rectifier systems	91.03	.27	.24	38.87	
J0321	Monitor fuel dump/jettison systems operations	95.52	.26	.24	39.12	
J0339	Perform preflight inspections of inflight refueling systems	89.24	.27	.24	39.36	145
H0242	Analyze environmental fire or overheat detection	94.62	.26	.24	39.60	

	systems malfunctions				
N0433	Analyze engine control systems malfunctions	93.72	.26	.24	39.85

Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0260	Operate or monitor avionics or electronic cooling systems	88.79	.27	.24	40.09	
A0045	Perform preflight inspections of liferaft release mechanisms	85.65	.28	.24	40.33	
I0293	Analyze primary flight control systems malfunctions	92.83	.26	.24	40.58	150
Q0533	Perform, practice, or simulate fuel dump system emergency procedures	92.83	.26	.24	40.82	
Q0525	Perform, practice, or simulate cabin fire procedures	93.27	.26	.24	41.06	
Q0548	Report emergency conditions	91.93	.26	.24	41.30	
I0294	Analyze secondary flight control systems malfunctions, such as trim systems	93.27	.26	.24	41.54	
N0462	Perform preflight inspections of engine controls, such as cables or throttle levers	87.44	.28	.24	41.78	155
E0146	Monitor APU or GTC oil systems operations	89.69	.27	.24	42.03	
E0158	Perform preflight inspections of APU or GTC fuel systems	88.79	.27	.24	42.27	
N0434	Analyze engine fire extinguishing systems malfunctions	93.27	.26	.24	42.51	
Q0534	Perform, practice, or simulate fuel flow system emergency procedures	93.27	.26	.24	42.75	
M0409	Analyze hydraulic systems malfunctions, other than cooling systems	92.38	.26	.24	42.99	160
I0292	Analyze auxiliary flight control systems malfunctions, such as flaps, spoilers, or slats	92.83	.26	.24	43.23	
N0467	Perform preflight inspections of engine fire suppression bottles	85.65	.28	.24	43.47	
S0577	Review FCIFs	82.06	.29	.24	43.71	
G0216	Analyze electrical systems malfunctions, other than APU or GTC electrical systems or special system buses	91.48	.26	.24	43.94	
H0261	Operate or monitor de-ice systems	85.20	.28	.24	44.18	165
C0090	Complete range computations	89.24	.27	.24	44.42	
H0275	Perform preflight inspections of environmental fire extinguishing equipment	87.89	.27	.24	44.66	
J0322	Monitor fuel temperature conditions	84.75	.28	.24	44.89	
A0002	Brief aircraft commanders or crew on pre-mission status of aircraft	87.44	.27	.24	45.13	
E0139	Analyze APU or GTC electrical systems malfunctions	91.03	.26	.24	45.36	170
N0451	Monitor thrust reverser systems operations	83.86	.28	.23	45.60	
E0159	Perform preflight inspections of APU or GTC oil systems	87.89	.27	.23	45.83	
N0439	Analyze engine oil cooler systems malfunctions	92.38	.25	.23	46.06	
K0347	Analyze landing gear (LDG) brake or antiskid systems malfunctions	92.83	.25	.23	46.29	
K0357	Monitor alternate gear extensions or retractions	91.48	.25	.23	46.53	175
H0239	Analyze avionics or electronic cooling systems malfunctions	90.58	.26	.23	46.76	
A0043	Perform preflight inspections of crew relief areas	78.03	.20	.22	46.99	

H0242	Analyze environmental fire extinguishing systems malfunctions	90.58	.25	.23	47.22
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Number of Members: 223

gp0052

Task	Task Statement	Percent of Members Performing	Avg Pct Time Spent by Mbrs Performing	Sorted	Cumulative Avg Pct Time Spent by All Members	Task Seq Num
				Avg Pct Time Spent by All Members		
H0272	Perform preflight inspections of avionics or electronic cooling systems	87.89	.26	.23	47.45	
K0351	Analyze LDG normal systems malfunctions	92.38	.25	.23	47.68	180
J0333	Perform fuel system cold weather operations	88.79	.26	.23	47.91	
I0291	Analyze automatic flight control systems or autopilot systems malfunctions	87.44	.26	.23	48.14	
G0223	Perform operational checks on pitot heat systems	88.34	.26	.23	48.37	
E0140	Analyze APU or GTC fire detection systems malfunctions	90.58	.25	.23	48.60	
N0444	Monitor engine compressor sections operations	80.27	.29	.23	48.83	185
J0328	Operate or monitor fuel systems using nonstandard fuels	89.24	.26	.23	49.05	
K0360	Monitor brake temperatures	82.06	.28	.23	49.28	
H0247	Analyze oxygen systems malfunctions	92.38	.25	.23	49.51	
H0269	Operate or monitor windshield heat systems	82.51	.28	.23	49.74	
A0020	Operate emergency equipment, such as parachutes, oxygen bottles, fire extinguishers, first-aid kits, crash axes, or ropes	96.86	.23	.23	49.96	190
J0313	Analyze fuel transfer systems malfunctions	91.48	.25	.23	50.19	
E0138	Analyze APU or gas turbine compressor (GTC) bleed-air systems malfunctions	88.34	.26	.23	50.42	
E0137	Analyze auxiliary power unit (APU) starting systems malfunctions	89.24	.25	.23	50.65	
J0310	Analyze fuel flow systems malfunctions	91.03	.25	.23	50.87	
Q0541	Perform, practice, or simulate rapid descent procedures	89.69	.25	.23	51.10	195
K0352	Analyze LDG position indicating systems malfunctions	91.93	.25	.23	51.32	
B0068	Interpret wiring or system schematic diagrams	87.89	.26	.23	51.55	
S0571	Maintain flight manuals, safety and operational supplements, or flightcrew checklists	76.23	.30	.23	51.78	
M0414	Operate ATMs	73.09	.31	.23	52.00	
F0195	Perform preflight inspections of FMSS	82.51	.27	.23	52.23	200
F0182	Operate or monitor communications systems, other than SATCOM, secure, or L-band communications systems	81.61	.28	.22	52.45	
C0091	Compute air refueling data	85.65	.26	.22	52.68	
H0240	Analyze de-ice systems malfunctions	88.79	.25	.22	52.90	
N0436	Analyze engine fire suppression systems malfunctions	89.24	.25	.22	53.12	
A0011	Fasten seats, seat belts, or shoulder harnesses	87.00	.26	.22	53.35	205
F0192	Perform preflight inspections of communications systems equipment, other than SATCOM, secure, or L-band communications systems equipment	81.61	.27	.22	53.57	
A0052	Request aircrew transportation	89.69	.25	.22	53.79	
Q0531	Perform, practice, or simulate environmental or cooling system emergency procedures	85.20	.26	.22	54.01	
A0038	Perform preflight inspections of aircraft for chocking	86.55	.26	.22	54.23	
H0244	Analyze environmental fire suppression systems malfunctions	87.89	.25	.22	54.46	210

Q0546	Recommend corrective actions for ground emergency conditions	87.89	.25	.22	54.68
K0355	Analyze nosewheel steering systems malfunctions	91.03	.24	.22	54.90

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F0185	Operate or monitor L-band communications systems	79.37	.28	.22	55.12	
N0441	Analyze engine thrust or torque indicating systems malfunctions	86.55	.25	.22	55.34	
G0220	Operate or monitor electric air turbine motor (ATM) systems	75.34	.29	.22	55.56	215
J0311	Analyze fuel indicating systems, to include dip stick	88.34	.25	.22	55.78	
H0252	Analyze windshield heat systems malfunctions	91.03	.24	.22	55.99	
H0277	Perform preflight inspections of environmental fire suppression bottles	82.51	.26	.22	56.21	
Q0543	Perform, practice, or simulate thrust reverser failure procedures	82.96	.26	.22	56.43	
E0141	Analyze APU or GTC fire extinguishing systems malfunctions	87.00	.25	.22	56.65	220
E0142	Analyze APU or GTC fuel systems malfunctions	87.89	.25	.22	56.87	
H0250	Analyze underfloor heating systems malfunctions	87.44	.25	.22	57.08	
C0089	Complete performance planning worksheets	75.34	.29	.22	57.30	
K0349	Analyze LDG emergency systems malfunctions	87.89	.25	.22	57.52	
Q0524	Perform, practice, or simulate bailout or ditching procedures	86.55	.25	.22	57.74	225
M0421	Perform preflight inspections of pneudraulic systems or accumulators to include emergency systems	78.48	.28	.22	57.95	
D0129	Perform preflight inspections of cargo doors, ramps, or latches	81.17	.27	.22	58.17	
N0470	Recommend or perform corrective actions after analyses of power plant systems malfunctions	83.86	.26	.22	58.38	
G0229	Perform preflight inspections of emergency electrical power generators	82.51	.26	.21	58.60	
G0235	Recommend or perform corrective actions after analyses of electrical systems malfunctions	84.75	.25	.21	58.81	230
J0332	Perform fuel system hot weather operations	83.41	.26	.21	59.02	
A0021	Operate emergency escape hatches	96.86	.22	.21	59.24	
D0130	Perform preflight inspections of door or ramp warning systems	82.51	.26	.21	59.45	
H0273	Perform preflight inspections of de-ice systems	81.17	.26	.21	59.66	
E0143	Analyze APU or GTC oil systems malfunctions	87.00	.24	.21	59.88	235
H0251	Analyze ventilating systems malfunctions	85.65	.25	.21	60.09	
J0323	Monitor nonstandard fuel systems configurations	84.75	.25	.21	60.30	
H0283	Perform preflight inspections of underfloor heating systems	80.27	.26	.21	60.51	
A0027	Participate in preflight or postflight intelligence briefings	85.65	.25	.21	60.72	
A0013	Fire small arms for qualification	96.41	.22	.21	60.93	240
Q0521	Perform, practice, or simulate air refueling system emergency procedures	81.17	.26	.21	61.14	
A0030	Perform aircrew chemical warfare procedures	91.93	.23	.21	61.35	
T0306	Recommend or perform corrective actions after analyses	83.86	.26	.21	61.56	

	of flight control systems malfunctions				
N0443	Analyze thrust reverser systems malfunctions	81.61	.26	.21	61.77

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K0385	Recommend or perform corrective actions after analyses of LDG or brake systems malfunctions	82.06	.25	.21	61.98	245
M0416	Operate or monitor pneudraulic systems to include emergency systems	74.44	.28	.21	62.19	
F0199	Perform preflight inspections of L-band communications systems equipment	77.13	.27	.21	62.40	
J0309	Analyze fuel dump/jettison systems malfunctions	86.10	.24	.21	62.60	
J0314	Analyze inflight refueling systems malfunctions	84.30	.25	.21	62.81	
F0172	Analyze instrument systems malfunctions, such as avionics or flight instruments	84.75	.24	.21	63.02	250
M0419	Perform preflight inspections of ATMs	73.09	.28	.21	63.23	
C0110	Interpret terminal procedures (TERPs)	81.61	.25	.21	63.43	
B0063	Ground aircraft	89.24	.23	.21	63.64	
F0189	Operate or monitor SATCOM or secure communications systems	76.68	.27	.21	63.84	
F0193	Perform preflight inspections of CVRs	76.23	.27	.21	64.05	255
F0197	Perform preflight inspections of GPSS	79.37	.26	.21	64.25	
N0468	Perform preflight inspections of thrust reverser systems	77.13	.26	.20	64.46	
J0308	Analyze air refueling systems malfunctions	82.51	.25	.20	64.66	
K0366	Operate LDG emergency systems extensions	82.96	.24	.20	64.86	
H0255	Operate environmental fire extinguishing systems	84.75	.24	.20	65.07	260
Q0539	Perform, practice, or simulate pneudraulic or pneumatic system emergency procedures, other than environmental or cooling systems	78.92	.26	.20	65.27	
M0426	Recommend or perform corrective actions after analyses of pneudraulic or hydraulic systems malfunctions	78.92	.25	.20	65.47	
A0029	Perform aircrew arming procedures	91.93	.22	.20	65.67	
H0288	Recommend or perform corrective actions after analyses of environmental or cooling systems malfunctions	80.72	.25	.20	65.87	
Q0520	Perform, practice, or simulate oxygen system failure emergency procedures	78.92	.25	.20	66.07	265
A0016	Interpret marshalling signals	85.20	.23	.20	66.27	
H0284	Perform preflight inspections of ventilating systems	77.13	.26	.20	66.47	
H0264	Operate or monitor hydraulic cooling systems	74.44	.27	.20	66.67	
F0208	Program, operate, or update FMSS	75.34	.26	.20	66.87	
Q0528	Perform, practice, or simulate emergency driftdown procedures	78.48	.25	.20	67.06	270
E0163	Recommend or perform corrective actions after analyses of APU or GTC systems malfunctions	78.48	.25	.19	67.26	
J0340	Perform preflight inspections of single-point refueling systems	75.78	.26	.19	67.45	
J0331	Operate or monitor wing pressurization systems	71.75	.27	.19	67.64	
D0119	Monitor door or ramp warning systems operations	81.17	.24	.19	67.83	
A0014	Inspect ramp areas for foreign object damage (FOD)	79.37	.24	.19	68.03	275
F0194	Perform preflight inspections of emergency locator	73.09	.26	.19	68.23	

	systems, such as ELTs or CPIS				
J0315	Analyze single-point refueling systems malfunctions	81.61	.23	.19	68.41
D0114	Analyze door or ramp warning systems malfunctions	81.61	.23	.19	68.60

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J0337	Perform preflight inspections of fuel dump/jettison systems	73.09	.25	.19	68.78	
K0354	Analyze LDG wheel assembly malfunctions	77.13	.24	.19	68.97	280
H0285	Perform preflight inspections of windshield heat systems	75.78	.25	.19	69.15	
L0388	Monitor MADAR systems operations	61.43	.30	.19	69.34	
F0210	Program, operate, or update GPSSs	73.54	.25	.19	69.52	
F0200	Perform preflight inspections of navigation equipment, other than radar equipment	73.54	.25	.18	69.71	
M0417	Operate or monitor PTUs	62.78	.29	.18	69.89	285
B0062	Evaluate proposed maintenance repairs or minor modifications	71.30	.26	.18	70.08	
N0471	Record entries on engine conditioning monitoring logs	68.16	.27	.18	70.26	
F0165	Analyze cockpit voice recorder (CVR) malfunctions	78.03	.23	.18	70.44	
K0365	Operate alternate gear systems	73.54	.25	.18	70.62	
F0166	Analyze communications systems malfunctions, other than satellite communications (SATCOM), secure, or L-band communications systems	77.58	.23	.18	70.80	290
F0196	Perform preflight inspections of FSASS	66.82	.27	.18	70.98	
H0246	Analyze hydraulic cooling systems malfunctions	73.99	.24	.18	71.17	
F0168	Analyze flight management systems (FMS) malfunctions	74.89	.24	.18	71.34	
D0113	Analyze cargo door or ramp systems malfunctions	79.37	.23	.18	71.52	
F0186	Operate or monitor navigation equipment, other than radar equipment	71.30	.25	.18	71.70	295
J0343	Recommend or perform corrective actions after analyses of fuel systems malfunctions	72.65	.25	.18	71.88	
A0055	Secure equipment for descent or landing	72.65	.25	.18	72.06	
M0428	Service hydraulic systems	78.48	.23	.18	72.24	
C0102	Compute minimum landing fuel BINGO requirements	70.40	.25	.18	72.42	
Q0545	Perform, practice, or simulate movement of crewmembers or passengers during emergency procedures	72.65	.24	.18	72.59	300
G0217	Analyze special system buses malfunctions	70.40	.25	.18	72.77	
J0341	Perform preflight inspections of wing pressurization systems	67.26	.26	.18	72.94	
M0422	Perform preflight inspections of PTUs	62.78	.28	.18	73.12	
M0410	Analyze pneudraulic systems malfunctions	71.75	.24	.17	73.29	
K0373	Perform preflight inspections of LDG castering systems	63.68	.27	.17	73.47	305
F0211	Recommend or perform corrective actions after analyses of communications or navigation systems malfunctions	69.06	.25	.17	73.64	
M0408	Analyze ATM malfunctions	69.51	.25	.17	73.81	
L0402	Perform preflight inspections of MADAR systems	60.54	.29	.17	73.99	
F0202	Perform preflight inspections of SATCOM or secure communications systems equipment	68.61	.25	.17	74.16	
F0174	Analyze navigation systems malfunctions, other than radar systems	72.65	.24	.17	74.33	310
G0224	Perform preflight inspections of electrical converter	66.82	.25	.17	74.50	

	systems				
A0023	Operate galley equipment, such as ovens or coffee makers	77.13	.22	.17	74.67

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K0369	Operate or monitor LDG kneeling systems	60.99	.28	.17	74.84	
F0175	Analyze radar systems malfunctions	73.09	.23	.17	75.01	
G0226	Perform preflight inspections of electric ATM systems	66.37	.25	.17	75.17	315
D0123	Operate or monitor ramp systems or cargo doors, such as manual or hydraulic	71.30	.23	.17	75.34	
A0034	Perform high-altitude procedures in altitude chambers	80.72	.21	.17	75.51	
F0169	Analyze flight recorder systems malfunctions	71.30	.23	.17	75.67	
Q0530	Perform, practice, or simulate emergency jettison procedures of flare or chaff systems	68.61	.24	.17	75.84	
F0187	Operate or monitor radar systems	68.16	.24	.17	76.00	320
J0316	Analyze wing pressurization systems malfunctions	69.51	.24	.16	76.17	
L0396	Perform MADAR landing gear systems analyses	61.88	.26	.16	76.33	
L0399	Perform MADAR propulsion power plant systems analyses	61.43	.26	.16	76.50	
J0327	Operate or monitor fuel inerting systems	62.33	.26	.16	76.66	
N0450	Monitor engine vibration indicators, other than MADAR systems engine vibration analyses	61.43	.26	.16	76.82	325
L0392	Perform MADAR environmental systems analyses	60.99	.26	.16	76.98	
F0167	Analyze emergency locator systems malfunctions, such as emergency locator transmitters (ELTs) or crash position indicators (CPIs)	69.96	.23	.16	77.14	
C0099	Compute orbit data	65.92	.24	.16	77.30	
K0377	Perform preflight inspections of LDG kneeling systems	61.43	.26	.16	77.47	
F0209	Program, operate, or update FSASS	62.78	.26	.16	77.63	330
A0037	Perform in-flight inspections of cargo	64.57	.25	.16	77.79	
L0397	Perform MADAR mechanical systems analyses	61.88	.26	.16	77.95	
L0395	Perform MADAR hydraulic systems analyses	61.43	.26	.16	78.10	
F0171	Analyze global positioning systems (GPS) malfunctions	70.40	.22	.16	78.26	
L0391	Perform MADAR systems engine vibration analyses	61.88	.25	.16	78.42	335
F0173	Analyze L-band communications systems malfunctions	66.37	.24	.16	78.58	
L0387	Analyze malfunction analysis detection and recording (MADAR) systems malfunctions	57.40	.27	.16	78.73	
L0393	Perform MADAR flight control systems analyses	60.99	.26	.16	78.89	
L0390	Perform MADAR electronic systems analyses	60.54	.26	.16	79.05	
L0401	Perform operational checks on MADAR systems	59.64	.26	.16	79.20	340
L0394	Perform MADAR flight instrument systems analyses	60.99	.26	.16	79.36	
L0389	Perform MADAR communications systems analyses	59.64	.26	.15	79.51	
A0032	Perform fireguard duties	72.20	.21	.15	79.66	
J0338	Perform preflight inspections of fuel inerting systems	59.19	.26	.15	79.82	
K0348	Analyze LDG castering systems malfunctions	63.68	.24	.15	79.97	345

END PRTREP